CS 160 **Fall Term Rubrics - 2020**	**Name**: Xander Bailey

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Save a copy of this document into your Google drive. Please place an **X** in the appropriate box that reflects your current portfolio effort for each area. If you want to put a brief comment in the box please enter it. If you want to attach additional explanatory text please add as many additional pages as you wish. **Link your completed review document into your portfolio**. NOTE: If you need further clarification on any of the items below please ask. *(**Prior** to term end, this document may change!)*

😃 **Please** do not have top level links go to another page with just another single line.

😃 No **tiny** windows with Google Doc embeds **please**. 800 width, 700 height is good.

GitHub Web Pages	**Content organization – easy to find and navigate content and uses CSS**	**Content, easy to navigate, but not easy to find specific items, uses little CSS**	**Content with basic links not easy to navigate**	**Content but no real organization**	**Not started**
	X				

The front page should use the Bootstrap template with three rows of six elements per row as demonstrated regularly in class.. This page should reflect a professional approach to the material. Imagine you are working for a software company and you are creating documentation for a project. Imagine you are working for a software company and you are creating documentation for a project. Using BootStrap is required. Most pages should be bootstrapped except Google doc pages. **I should also have the correct URL to your "username.github.io" web page. (Example:** https://peterdcasey.github.io/username2.github.io/**)**

Degree Pathway – Two schools with graduate degree options	**Content excellent includes links to school web and sample course load for four years with a specific degree option**	**Content includes link to school web and short description of degree options and requirements**	**Content brief – links only to school web**	**Place holders but little content**	**Not started**
	X				

Your degree pathways should include information about the school's computer science program. What are the available options, what type of graduate programs are offered? Do they offer anything special that would attract a student to their program? Make sure to include a four year schedule of required courses. This information should reflect the overall style of your portfolio. **Do NOT** simply provide links to college web pages. **Create the relevant information on your portfolio or Google docs pages**.

Code book Questions	**All questions answered, includes independent thought.**	**Questions answered**	**At least half of the questions answered.**	**Place holders but little content**	**Not started**
		X			

Please do not be too brief on your answers, use complete sentences as appropriate.

Dreaming in Code Answers to the questions.	Content excellent includes independent thought, all answers.	Demonstrates material was read, independent thought brief or non-existent	Content brief – independent thought non-existent	Place holders but little content	Not started
		X			

Please do not be too brief on your answers, use complete sentences as appropriate.

Code book Circuits	Circuits Working, video showing results and inner parts.	Circuits Working, video showing results	Circuits Working, only snapshots of the circuits	Some circuits Working, showing a snapshot	Not started
	X				

Six circuits listed in Week 10 of the Work Schedule. Half & Full Adders, 8 Bit Adder, 8 Bit Adder with One's Complement and Sub input, 8 Bit Adder with 2-1 Selector & Latch, Ripple Counter. 😃A series of screen snaps rather than a video showing the circuit and **parts** plus usage is also fine.

Scratch Programs	Programs posted - meets all requirements and demonstrates extra effort/creativity	Meets program requirements – little or no apparent extra effort/creativity	Three Programs posted but not all three work properly or meet requirements.	Program posted but not all three. Posted programs minimal.	Not started
	X				

Should include: Friction Marble, Simple Interactive Game, Wall Traverse. The Wall traverse should have the program move the ball **without** assuming where the walls are and with **No** user interaction. All programs should also have a link to the project on MIT's server.

App Inventor Program	Programs posted - meets all requirements and demonstrates extra effort/creativity	Working program posted – little or no apparent extra effort/creativity	Program posted but does not work properly	Program posted but does nothing.	Not started
	X				

Should include: TechSmith video (or youTube) of the running App Inventor (or Flutter) program.

Processing Programs	Programs posted - meets all requirements and demonstrates extra effort/creativity	Meets program requirements – little or no apparent extra effort/creativity	Programs posted with obvious student modification but does not work properly	Program posted but no student changes, may not work	Not started
	X				

At least three processing programs: The example to get started, something simple you create on your own or modify existing code (cite the original code), no specification, and a third program showing something creative with some type of user interaction. This could be a simple game or something artistic requiring user interaction.

Python - Code HS	Evidence posted, convinces me that **all** (or more) of tutorials taken.	Evidence posted, convinces me that only a significant portion of the tutorial was taken.	Evidence posted but half or less of tutorials taken	Place holders but little completion of the tutorials.	Not started
	X				

Post convincing evidence on your web that you took the assigned tutorials. Intro., Welcome, Introduction 1st four parts, Basic Python & Console Interaction / Conditionals Parts 1-4. Snapshot of percent complete is best.

Python Rock, Paper, Scissors	Program running with appropriate tests for user input and clear result with replay option.	Program running with appropriate tests for user input and clear result.	Programming running with clear result.	Program sort of runs with problems.	Not started or not running.
	X				

There should be a page or link that shows your code and best practices includes a link to a runtime environment like repl.it. Make sure your embed is not a narrow horizontal band on the page.

Python MasterMind	Program running with appropriate tests for user input and clear result with replay option..	Program running with appropriate tests for user input and clear result.	Programming running with clear result.	Program sort of runs with problems.	Not started or not running.
	X				

There should be a page or link that shows your code and includes a link to a runtime environment like repl.it. Make sure your embed is not a narrow horizontal band on the page.

Greenfoot Tutorials	Clear Evidence of Tutorial completion formatted with **Bootstrap**	Clear Evidence of Tutorial Completion	Not clear or partial completion of Tutorial	Very little evidence or only a start of the Tutorial.	Not started or not running.
		X			

There should be a page or link that shows your code and includes a link to a runtime environment like repl.it.

Greenfoot Book Chapters Two & Three Exercises	Google Doc with all exercises clearly numbered and cleanly formatted.	Google Doc with all exercises but not well formatted.	Exercises started but not completed, approximately one half.	Exercises started but less than one half completed.	Not started or not running.
	X				

There should be a page or link that shows your code and includes a link to a runtime environment like repl.it.

Midterm Portfolio Evaluation	A link to your graded evaluation.	Please NOTE! If you updated any of the assignments from the Midterm Evaluation, please note which ones on your Portfolio page and in your final evaluation document.			No Link to the evaluation.
	X				

This should be a Google doc link to a shared document, the document that I sent to you, with the score.

DevOps Summary	Content excellent includes independent thought	Demonstrates material was read -independent thought brief or non-existent	Content brief – independent thought non-existent	Place holders but little content	Not started
		X			

There should be a page or link that shows your summary. Google doc link is best.

Inevitable Pain summary	Content excellent includes independent thought	Demonstrates material was read -independent thought brief or non-existent	Content brief – independent thought non-existent	Place holders but little content	Not started
		X			

There should be a page or link that shows your summary. Google doc link is best.

Big Ball of Mud	Content excellent includes independent thought	Demonstrates material was read -independent thought brief or non-existent	Content brief – independent thought non-existent	Place holders but little content	Not started
		X			

There should be a page or link that shows your summary. Google doc link is best.

Software Is Hard	Content excellent includes independent thought	Demonstrates material was read -independent thought brief or non-existent	Content brief – independent thought non-existent	Place holders but little content	Not started
		X			

There should be a page or link that shows your summary. Google doc link is best.

Elements Project Chapter 1	All 15 circuits presented in an organized arrangement, labeled, and **Bootstrapped**	All 15 circuits presented in an organized arrangement.	Most of the circuits completed.	A few of the circuits completed.	Not started
	X				

A page showing all 15 HDL programs. An easy way would be to open each one in the simulation environment, run the simulation, and snapshot the simulation window showing the HDL panel and **successful execution** of the circuit. Paste that snapshot into a Google doc or link the images to a web page. You can resize the images after you paste them.

CodeCombat	**Four Challenges Bootstrap formatted.**	Three Challenges	Two Challenges	One Challenge.	Not started
	X				

There should be a snapshot of your progress from the CodeCombat web site.

Robot Treasure Hunt	Two Algorithms with distances and chart cleanly formatted.	Two Algorithms some distances and chart cleanly formatted.	One Algorithms with distances and chart cleanly formatted.	One Algorithms without distances, no chart.	Not started
	X				

There should be a link to a Google doc with the two algorithms, the numbers, and chart. Extra optional points for Python or Greenfoot code to generate the numbers.

Final Exam	Meets **all** requirements.	Meets most requirements.	Meets some requirements.	Meets few requirements.	Not started or not available.
	X				

There should be a link to a Google doc of your final exam document. Make sure you share it with "**Anyone that has the link**."

Optional Items					
Please include a list here of any optional items you added to your portfolio. •					

(Optional) Mythical Man Month	Content excellent includes independent thought	Demonstrates material was read -independent thought brief or non-existent	Content brief – independent thought non-existent	Place holders but little content	Not started

Optional. **Answers to Questions**: **Please do not be too brief on any of your summaries, include the major point.**