

# ANTRIKSH YADAV

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I am a software developer with a B.S. in Computer Science from UCSD. I have a voracious curiosity and a desire to learn everything. I believe in not just writing clean, efficient and maintainable code, but also designing great experiences.

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## Experience

### Software Development Engineer, Amazon (Music)

*(September 2016 - present)*

### SDE Intern, Amazon (Warehouse Deals)

*(June 2015 - September 2015)*

- implemented a critical part of a new project at Warehouse Deals & Liquidations
- worked with Amazon Web Services (S3, SNS, SQS, SWF)
- wrote thoroughly tested software in Java

### Software Development Intern, Foundation for Learning Equality

*(Jan 2015 - June 2015)*

- contributed code before any other intern
- proactively made significant design and usability contributions to Khan Academy Lite that are in production now

### Web Developer (Remote, Short-Term), LegDay (startup)

*(Jan 2015 - June 2015)*

- used self-taught Express.js framework and web design skills
  - effectively transferred design mockups to web
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## Relevant Skills

### Strong programming skills in

C/C++, Java, Python, JavaScript/Node.js,  
Express.js

### Significant front-end proficiency in

HTML, CSS, JavaScript, jQuery, frameworks

### Some experience with

Mongoose.js, Stormpath, Socket.IO

### Strong understanding of

Data structures, algorithms, OOP design,  
computability theory

## GitHub + GH Gist

[github.com/Anrikshy](https://github.com/Anrikshy)  
[gist.github.com/Anrikshy](https://gist.github.com/Anrikshy)

### I also have experience with

Git, Amazon Web Services, REST APIs,  
Sass, Unix

## Notable Personal Projects

- Designed a **unique chatroom** experience, Quibbler.co, with over 50k visitors in 24 hours
  - Designed and shipped a **Pebble smartwatch app** in JavaScript
  - Open-sourced **multiple Node.js modules** on npm
  - Developed and shipped **extensions for Safari**, with thousands of downloads
  - Have a rapidly growing portfolio of **experimental programming side-projects** (see GitHub link) and other tinkering
  - Have a blog documenting some hard-to-find knowledge at **code.Antrikshy.com**
  - **Have used several APIs**, including reddit, Twitter, Instagram, about.me, forecast.io in a variety of tools, scripts and experiments
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## Notable Course-Assigned Projects

- Implemented a lexer, parser and **interpreter for a subset of OCaml** using OCaml
  - Implemented **hash table, linked lists, binary trees** and more
  - Recreated **UNIX 'ls' functionality** as a CLI tool in C++
  - Implemented the **Huffman coding algorithm** for lossless data compression
  - Created the backend for a **simple version of Boggle** in C++
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## Notable Design/UX Samples

- **Quibbler.co**, mentioned above
  - **Antrikshy.com**, personal website created without any frameworks
  - **Minecraft Snaps**, node-webkit desktop app designed using front-end web technologies
  - Designed **code.Antrikshy.com** by modifying the Jekyll Poole CSS
  - Minimalist **chess timer** web app in development
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## College + Degree

University of California San Diego  
B.S. in Computer Science, 2016  
Major GPA - 3.1

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## Past Achievements

- Received the Times of India NiE sponsored **"Student of the Year" award** in Grade 10
- Stood in the **top 3.22% of over a million students** in the 2010 Maharashtra State Standard X exams