

# ANTRIKSH YADAV

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@Antrikshy

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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
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## Relevant Skills

### Strong programming skills in

Python, JavaScript/Node.js, Java

### Significant front-end proficiency in

HTML, CSS, JavaScript, React

### Strong understanding of

Data structures, algorithms, OOP design, computability theory

## GitHub + GH Gist

[github.com/Antrikshy](https://github.com/Antrikshy)

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

### 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 apps**
- Open-sourced **multiple Node.js modules** on npm
- Developed and shipped **extensions for Safari**, with thousands of downloads
- Have a growing portfolio of **experimental programming side-projects**
- Have a blog documenting hard-to-find knowledge at **code.Antrikshy.com**

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## Notable University 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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## 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