

Nathan Yuchi

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EDUCATION

UC BERKELEY

BA IN COMPUTER SCIENCE

Expected May 2019

GPA: 3.18

RIVER HILL HIGH SCHOOL

HIGH SCHOOL DIPLOMA

Graduated May 2015

LINKS

Github:// [nathanyuchi](#)

LinkedIn:// [nathanyuchi](#)

Flickr:// [nathanyuchi](#)

COURSEWORK

CS61A - The Structure and Interpretation of Computer Programs

CS61B - Data Structures

CS61C - Machine Structures

CS198 - Ruby on Rails DeCal

CS70 - Discrete Mathematics and Probability Theory

CS170 - Efficient Algorithms and Intractable Problems

CS186 - Introduction to Database Systems

LANGUAGES

Proficient

• Java • Python • VBA

• HTML • Python

Familiar:

• SQL • Javascript • C

EXPERIENCE

LEIDOS | COLLEGE INTERN

Summer 2017

- Helped develop and design an internal e-commerce site using Javascript on Sharepoint
 - Previously, employees had to email spreadsheets to acquire assets or request service
 - E-commerce site automated asset acquisition and approval process
- Improved user interface and user experience of Sharepoint intranet
 - Used Javascript and Bootstrap to add functionality and aesthetic
 - Allowed managers to update sites without needing to edit code

LOCKHEED MARTIN | COLLEGE INTERN

Summer 2016

- Developed Sharepoint site for custom security audits using Javascript
 - Allowed security team to check the permissions of each subsite
- Created tools in VBA in Excel to check and track asset management data
 - Tracked changes in status of 60,000+ assets weekly
 - Verified each asset had correct properties based on status
 - Synchronized asset data across multiple asset management platforms
- Rotated across teams and helped where possible

BUCH CONSTRUCTION | LABORER

Summer 2015

- Assisted in building a 420-unit luxury apartment complex
- Operated heavy machinery moving materials, soil, and debris

BUCH CONSTRUCTION | LABORER

Summer 2014

- Aided in construction on multiple job sites
- Managed material reception, storage, and distribution

PROJECTS

FACEBOOK GROUP NAVIGATION AND VISUALIZATION

Cal Hacks 4.0 | <https://devpost.com/software/live-cal>

Berkeley students often use Facebook groups to find housing. The problem with the Facebook group interface is that there is no way to search, sort, or filter postings. We used Javascript, HTML, and CSS and developed a web application that uses Facebook's graph API that allows a user to sort group postings by price and location. We also used Google Maps' API to map the location of housing listings so that users could visualize housing locations.

TEXT EDITOR

CS61B Class Project

- Built a text editor similar to Notepad from scratch
- Supported features such as keyboard input, mouse input, window resizing, word wrapping, scrolling, copy and pasting, saving and opening, and font styling
- Learned to modularize, code elegantly, and improve runtime in a larger project