William Zhou

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EDUCATION

UC BERKELEY
Computer Science &
Business Administration
Expected Dec 2020 | Berkeley, CA
Cum. GPA: 3.67

EL CAMINO REAL CHS
Grad. May 2017 | Los Angeles, CA
Cum. GPA: 4.3

LINKS

Github:// **guanlinzhou**
LinkedIn:// **williamzhouu**
DevPost:// **guanlinzhou**
HackerEarth:// **guanlinzhou**

COURSEWORK

COMPLETED
CS 61A Interpreters/Program Structures
CS 61B Data Structures
CS 61C Machine Structures
CS 70 Discrete Math and Probability
EE 16A Information Devices and Systems
DS 8 Foundations of Data Science
UGBA 10 Principles of Business
STAT 20 Probability and Statistics

IN PROGRESS
CS 170 Algorithms
CS 188 Artificial Intelligence
DS 100 Principles of Data Science

SKILLS

PROGRAMMING
Java • React • JavaScript • Matlab
Django • Python • C • AWS
PostgreSQL • NumPy • Pandas
Redux • NLU • Firebase • Heroku

GENERAL
Presentation • Decking • Leadership
Project Management • Illustrator
Design • MS Office Suite

LANGUAGES
English • Mandarin
French (Limited Working Fluency)

EXPERIENCE

CODEBASE | Software Developer
Jan 2018 – Present | Berkeley, CA
- Developing large-scale software projects for startups in order to optimize workflows and create fluid and intuitive user experiences
- Working closely with 8 other team members in a rotational scheme in order to achieve a large range of experiences with different facets of software engineering (Full-Stack, Machine Learning, etc.)

CS 61A | Academic Intern/Lab Lecturer
Aug 2017 - Present | Berkeley, CA
- Working with over 100 students every week, often giving review lectures during lab time
- Refining students' understanding of tough concepts taught in lecture by using different approaches catered to each student's way of thinking when working 1-on-1 with students

PROJECTS

BETTERCLOUD | ServiceNow/Javascript (Codebase)
- Integrated an online SaaS Operations Management and Security Platform into a ServiceNow instance
- Automated the creation of ServiceNow ITSM tasks based on BetterCloud activity
- Optimized the workflow between ServiceNow and BetterCloud in order to leverage the popularity of the ServiceNow platform

CODEDOOR | Python/Django (Codebase)
- Designed and Implemented a modern, fluid site based on Glassdoor using Django, PostgreSQL, Redux, etc., for Codebase internal use
- Worked with 8-person team on deployment on Heroku and hosting/integration with Amazon Web Services

BAKER STREET ANALYTICA | Python/IBM Watson
- Built a Reddit buzzword analysis platform using the IBM Watson AI's natural language understanding (NLU) package and the Python Reddit API Wrapper (PRAW) to identify keywords and important entities to aid firms in identifying key ideas, technologies, or entities in promoting marketing growth
- Implemented useful graphical visualizations using Plot.ly to produce a user-friendly web-app for easy readability

BREVÉ | Python
- Created a productivity web-app to remind users of upcoming deadlines, weather conditions, calendar events, etc.
- Used IBM Watson's Natural Language Understanding features to process diverse types of emails, searching for names, events, and dates/times to automatically add events to Google Calendar
- Helped design a front-end, and deployed on Heroku using Google Firebase to host email/reminder storage