Young Guo

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2332 Channing Way #3 | Berkeley, California 94720 – 2274

EDUCATION

UC BERKELEY
B.A. Computer Science
Regents and Chancellors Scholar
Expected May 2019 | Berkeley, CA
GPA: 3.74 / 4.0

COURSEWORK

UNDERGRADUATE
MATH54: Linear Algebra and Differential Equations
EE16A: Designing Information Devices and Systems I
CS61A: Structure and Interpretation of Computer Programming
CS61B: Data Structures
CS61C: Machine Structures
CS70: Discrete Mathematics and Probability Theory
CS188: Artificial Intelligence
CS186: Database Systems
CS195: Social Implications of Computing
CS162: Operating Systems and Systems Programming
CS170: Efficient Algorithms and Intractable Problems
CS168: Introduction to the Internet: Architecture and Protocols
CS161: Computer Security
CS164: Programming Languages and Compilers

SKILLS

PROGRAMMING
Java • C • Python • Ruby •Swift • SQL
HTML • CSS • JavaScript • TypeScript
React.js • GraphQL • Rails • Django
Kubernetes • Docker • Helm • Jenkins
Git • Vim

LINKS

Github: **github.com/oldguo**
LinkedIn: **linkedin.com/in/youngguo**
Portfolio: **oldguo.github.io**

EXPERIENCE

STRIPE | Software Engineer Intern
May 2018 – August 2018 | San Francisco, CA
- Product Dashboard

CODEBASE | President
February 2017 – Present | Berkeley, CA
- Fall 2018 (President)
- Spring 2018 (PM): Full-stack admin dashboard for fin-tech startup, Beam
- Fall 2017 (Dev): AWS infrastructure for AI-driven healthcare startup, YiTuuX
- Spring 2017 (Dev): NLP chatbot for dev-sourcing startup, Crowdbotics

WORKDAY | Software Development Engineer Intern
May 2017 – August 2017 | Pleasanton, CA
- Implement fully customized Jenkins Helm Chart on Kubernetes clusters
- Leverage Arquillian Cube for integration tests in Kubernetes environments
- Integrate Kubernetes/Docker pipelines into current bare metal based CI

WREVIE | Software Engineering Intern
May 2016 – June 2016 | Sunnyvale, CA
- Work with scikit-learn and lda machine learning libraries to conduct sentiment analysis within the E-Commerce sector
- Create data parser and formatter for review model training data
- Conduct research on various topic-modeling approaches

PROJECTS

HAVEN | An Anonymous Social Network for iOS
June 2017 – Present
- Swift/Firebase
- Lead backend team development using Firebase NoSQL database
- Implement question/answer, voting, and chat functionality

SHIP | An Online Matchmaking-Driven Dating Application
CalHacks 3.0 – November 2016
- HTML/CSS/React.js/Node.js/Rails
- Implement unique matchmaking system and ship algorithms
- Integrate Facebook Graph API for account management

CRAFTNET | A Social Marketplace for Artistic Entrepreneurs
October 2014 – February 2015
- HTML/CSS/JavaScript/Django
- Implement user account, item listing, and shopping cart functionality
- Develop search/filtering algorithms, user follower system, and ratings/reviews integration