

Young Guo

<https://oldguo.github.io>

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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](https://www.linkedin.com/in/youngguo)

Portfolio: oldguo.github.io

EXPERIENCE

STRIPE | Software Engineering Intern

May 2018 – August 2018 | San Francisco, CA

- Implement end-to-end dashboard data export customization pipeline
- Re-architect service powering all 10,000+ of Stripe's daily data exports
- Design, test, and integrate modular data-formatting layer responsible for processing 1 million+ object formatting requests daily

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

WREVIEW | Software Engineering Intern

May 2016 – June 2016 | Sunnyvale, CA

- Work with scikit-learn and Ida 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

BEAM FINANCIAL | Financial Analytics Web Dashboard

Jan 2018 – Aug 2018

- React/TypeScript/GraphQL/Apollo/Postgres/AWS
- Lead frontend and backend team development across 8 developers
- Integrate AWS Cognito/Google OAuth authentication flow

HAVEN | Anonymous Social Network for iOS

June 2017 – Jan 2018

- Swift/Firebase
- Lead backend team development using Firebase NoSQL database
- Implement question/answer, voting, and chat functionality

SHIP | Online Matchmaking-Driven Dating Application

CalHacks 3.0 – Nov 2016

- HTML/CSS/React/Node/Rails
- Implement unique matchmaking system and ship algorithms
- Integrate Facebook Graph API for account management