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Berkeley, CA

Johnathan Zhou

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EDUCATION

University of California, Berkeley	**Berkeley, CA**	**August 2016 – May 2020**

- B.A. in Computer Science, Minor in Education. GPA: 3.48
- Selected Coursework: Data Structures, Discrete Math, User Interface & Design*, Lean/Agile Product Management*

EXPERIENCE

Software Engineering Intern	**Workday**	**May 2018 - August 2018**

- Led ideation through launch of a user profile integration for Workday's Automated Regression Platform to 150+ internal developers, allowing for saving and customization of 4000+ tests that were previously unorganized.
- Interviewed power users to identify and analyze use cases of a user profile and understand other user needs.
- Led team of 5 interns to develop a Flask application that scraped internal Slack channels to map out leftover foods.

Investment Analyst Intern	**Slice Capital**	**May 2018 - August 2018**

- Conduct market research, analyze 60+ seed-stage startups, and build valuation models to identify opportunities.

Software Engineering Intern	**Codelancer**	**June 2017 - September 2017**

- Designed and built an "Uber for phone repairs" in 50% less time (under 2 weeks), leading to $1000+ in revenue .
- Refactored Node.js backend, using ES6 promises to optimize codebase, decreasing bug lookup time by over 50%.
- Spearheaded development of company website - improving reach and increasing total company clientele by 150%.

Founder	**VolunteerTutor**	**December 2014 - June 2016**

- Launched nonprofit and recruited/directed a 20-member tutoring team in providing accessible digital tutoring.
- Designed and created site to connect tutors to students by availability and fit, resulting in 50+ onboarded clients.
- Drove growth efforts by locally advertising and optimizing for SEO, leading to more than 10,000 site views.

EXTRACURRICULARS

Technology Lead	**Berkeley ANova**	**January 2018 - Present**

- Worked in a team of 3 in an Agile setting to develop an application to manage hackathons in Ruby on Rails.
- Spearheaded successful launch at ANova Hacks to 60+ students, planning future Cal Hacks launch to 2,000+ more
- Researched and implemented bar-code scanning with QuaggaJS, resulting in 2x faster Hackathon check-ins.
- Leading development, creating product specs/roadmap, and conducting user research for a new EdTech initiative.

Course Assistant: UGBA 198	**Haas School of Business**	**January 2018 - Present**

- Lecture on A/B Testing, SEO optimization, online brand management, LinkedIn profiles, and more to 50+ students.
- Initiate and manage relationships with 20+ marketing professionals for in-class speaking and projects.
- Revamp marketing efforts to increase course applicants by 40% and achieve ~18k reach on an online campaign.

PROJECTS

Collaborative Text Editor		**July 2017 - August 2017**

- React based text-editor built capable of document sharing, real-time editing, and multi-user collaboration.
- Implemented real time collaboration with shared cursor highlighting using socket.io and MongoDB.
- Built a RESTful backend Web Server API that that allowed for both server-side and client-side WebSockets.

Slack Calendar Assistant		**August 2017**

- Developed intelligent Slack bot that allows for the creation of Google Calendar invites/reminders through natural language queries - trained DialogFlow's machine learning model to optimize bot's language interface.
- Architected interactive process with Slack & Google Calendar API for statefully managing multi-step chat interactions such as scheduling conflicts, cancellations, and confirmations.

SKILLS

Software: Javascript, Python, Java, Scala, SQL, React.js, React Native, Node.js, Firebase, MongoDB, Ruby on Rails,

Design: HTML/CSS, Figma, Flexbox, Bootstrap, Adobe XD, Photoshop, prototyping.

Business: Digital marketing, A/B Testing, brand management, SEO, market research