

John Chin-Jew

2725 Haste St, Apt 402, Berkeley, CA 94704

+1 925 325 9700

johnchinjew@berkeley.edu

johnchinjew.com

EECS Senior at UC Berkeley • Intended Software Engineer

EDUCATION

University of California, Berkeley

Graduating Spring 2020

BS Electrical Engineering and Computer Sciences

- Coursework: Computer Programs, Data Structures, Algorithms, Databases, Discrete Math & Probability, Information Systems
- Member of *Eta Kappa Nu* EECS Honor Society (top 25% of EECS)

Diablo Valley College (DVC) & Los Medanos College (LMC), East Bay CA

Transferred Fall 2018

DVC: AS Computer Science w/ Honors; LMC: AA Liberal Arts: Math & Sci. w/ Honors

- Certificates: Adv. C++ Programing, Computer Architecture, Program Design
 - Coursework: C++ Programs, Object-oriented Programs, Machine Structures
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EXPERIENCE • All projects and volunteer work viewable at linkedin.com/in/johnchinjew

iOS Software Engineering Intern, Emeryville CA

June 2019 – Aug 2019

Location Labs by Avast, iOS Software Engineering Team

- Explored the benefits and implications of a Swift UI codebase for iOS 13 by re-implementing the *Avast Family Space* iOS app in Swift UI.
- Enhanced the *shared platform* at Location Labs by introducing a Jenkins shared library for continuous integration build steps.
- Worked on an agile team to develop multiple flavors of the *Avast Family Space* iOS app for several network operators worldwide, in particular Verizon Wireless.

Structure & Interpretation of Computer Programs Course Tutor, Berkeley CA

Jan 2019 – May 2019

Department of Electrical Engineering & Computer Science, UC Berkeley

- Taught computer science to small sections of UC Berkeley students.
 - Held office hours, gave 1-1 assistance, supported development of the course.
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PROJECTS • Source code viewable at github.com/johnchinjew

Spring Things

wavalab.com/springthings

Mobile spring-based physics puzzle game.

Composure

composure.johnchinjew.com

Minimal, usable writing tool.

Emphasis

emphasis.johnchinjew.com

Elm web app fostering mindfulness and balance.

@make_rap

twitter.com/make_rap

Node.js Twitter bot that turns user tweets into raps.

Cabinet

github.com/wavalab/corona-cabinet

Persistent JSON-based storage library for Corona SDK.

TECHNICAL SKILLS

Languages

Fluent: Python, Java, Swift, Elm, HTML5, CSS; Familiar: JavaScript, C++, SQL, Lua, Scheme

Tech & Tools

Swift UI, Elm (web apps), Node.js, Jenkins, Docker, Figma, Slack, Xcode & IntelliJ IDEs