

# BRYAN C. TONG

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## EDUCATION

### University of California, Berkeley

*B.A, Computer Science & Cognitive Science*

*Aug 2015 – May 2019*

· Relevant coursework:

Data Structures	Artificial Intelligence	Internet Architecture
Computer Architecture	Database Systems	Computer Security
Programming	Discrete Mathematics	Information Devices

## EXPERIENCE

### CS370: Computer Science Pedagogy – UC Berkeley

*June 2018 - Current*

*Co-Instructor (Fall), Head of Software (Summer)*

*Berkeley, CA*

- Developed and deployed automated appointment system in **React.js** and Python.
- Refined course curriculum, **taught weekly lectures**, and hosted one-on-one chats.
- Integrated Google API, Berkeley API, into course **auto-grader** of homework.
- [inst.eecs.berkeley.edu/~cs370](http://inst.eecs.berkeley.edu/~cs370) | [cs370scheduler.org](http://cs370scheduler.org)

### Nokia Bell Labs

*May 2017 – Aug 2017*

*Software Engineering Intern*

*Sunnyvale, CA*

- **Full-stack R2D** for a cross-platform, enterprise-scale communications app.
- Sole developer for an AR client, using and researching ARKit since day 0 release.
- Co-developed web client in **React JS** with interactivity in **D3.js**, Electron portable.
- Contributed thousands of lines of production code, deployed via **Docker**.
- Worked in bi-weekly sprints, organized in **SCRUM** agile framework.

### Virtual Reality at Berkeley

*August 2016 - Current*

*President (Prior: Project Lead, 2016 – 2018)*

*Berkeley, CA*

- Synthesizes technical AR / VR background with **aggressive growth** strategies.
- Lead 70+ developers, 350+ members across 15 internal and external projects.
- Responsible for Berkeley's largest VR conference in the Fall and Spring hackathon
- [vr.berkeley.edu](http://vr.berkeley.edu) | [vr.berkeley.edu/sodahacks](http://vr.berkeley.edu/sodahacks)

## ADDITIONAL INVOLVEMENT

### ASUC Deputy Director of Entrepreneurship & Technology

*Fall 2018*

- Responsible for diversity outreach, mental health programs

### CS 370 Head of Software, Co-Instructor

*Summer, Fall 2018*

### CS 61A Tutor

*Spring 2018*

### CS 61C Academic Intern

*Fall 2017*

## TECHNICAL SKILLS

*Languages:* Python, Java, HTML / CSS, Javascript, SQL, Swift, PHP, C, C#, Scheme

*Frameworks:* React JS, Redux JS, Node JS, Symfony

*Design:* Photoshop, Illustrator, After Effects, Zeplin