

# BRYAN TONG

[btong@berkeley.edu](mailto:btong@berkeley.edu)

+1 (925) 577-6826

[btong.me](http://btong.me)

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<i>Education</i>	<b>University of California, Berkeley</b> Bachelor's Degree, Computer Science Bachelor's Degree, Cognitive Science	Aug 2015 – May 2019
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<i>Experience</i>	<b>CS370 – UC Berkeley</b> Head TA / Head of Software <ul style="list-style-type: none"><li>Developed course software infrastructure, curriculum, and taught weekly lectures.</li><li>Created back-end automated tutoring scheduling portal in <b>LAMP</b> stack.</li><li>Integrated Google APIs, Berkeley API, into course <b>auto-grader</b> of homework.</li></ul>	June 2018 - Current Berkeley, CA
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<b>Robot Learning Lab (Director: Pieter Abbeel)</b> Software Developer	July 2018 - Current Berkeley, CA
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- Worked on robotic arm telecommunications with piloting via remote VR interface.
- Used WebSockets, ROS, C# in Unity to clean-up arm synchronization.
- Implemented Intel RealSense camera with live feedback, controller haptics to user.

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<b>Nokia Bell Labs</b> Software Engineering Intern	May 2017 – Aug 2017 Sunnyvale, CA
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- 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 in an **Agile workflow**

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<b>Virtual Reality at Berkeley</b> President (Prior: VP, Project Lead 2016 - 2018)	March 2018 - Current Berkeley, CA
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- 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

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<i>Teaching</i>	<b>CS 370 – Head TA</b> – <a href="http://cs370scheduler.org">cs370scheduler.org</a> <b>CS 61A – Tutor</b> – Two small-group sections/week <b>CS 61C (Machine Structures) – Academic Intern</b>	Summer 2018, Fall 2018 Spring 2018 Fall 2017
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<i>Coursework</i>	Artificial Intelligence, Databases, iOS Development, Machine Structures, Blockchain, Data Structures, Algorithms, Discrete Math & Probability Theory, Linear Algebra
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