

# Brian Chan

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[github.com/brianc725](https://github.com/brianc725) • <https://brianc725.github.io/> • Los Angeles, CA

## EDUCATION

**University of California, Los Angeles** September 2016 - June 2020 (expected)

- Major: Computer Science and Engineering, GPA: 3.327
- Relevant Coursework: CS 32 (Data Structures, Algorithms, OOP), CS 33 (Computer Organization), CS 35L (Software Construction Lab), Math 61 (Discrete Math), EE 3 (Intro to EE)

**Cathedral High School, Los Angeles, CA** 2012 - 2016

- Salutatorian, Mathematician of the Year, President of Math Club and Club Pag-asa, Vice President National English Honor Society, AP Scholar with Distinction

**COSMOS, University of California, San Diego** Summer 2013

- Developed applications for Android devices with MIT App Inventor, programmed a robot, and created an automated variable speed conveyor belt using Arduinos.

## PERSONAL PROJECTS

- **BruinNav (2017):** A turn by turn navigation system coded in C++ with a Map data type created from scratch and an implementation of the A\* algorithm.
- **Bugs! (2017):** Using C++, I implemented polymorphism and inheritance to create various insects and animals that can be used to compete against each other for resources to survive.
- **Personal Website (2017):** Website built with HTML, CSS, and Bootstrap to showcase my growing portfolio.

## SKILLS

- **Proficient:** C++, Java (and Processing), HTML/CSS, Bootstrap; **Intermediate:** Git, JavaScript
- Strong knowledge of Microsoft Word, Excel, PowerPoint, Outlook
- Proficiency with Adobe Photoshop, Adobe Illustrator, Adobe Premiere
- Strong interpersonal skills, adapts well to challenges and changes, analytical, creative mind

## EXPERIENCE

**iD Tech Camps at Caltech, Instructor**, Pasadena, CA June 2017 – August 2017

- Taught students coding in Java with Processing, C++, and Web Development with a focus in JavaScript fundamentals.
- Mentored students with future career goals and shared knowledge of the tech industry.

**Engineering Society of UCLA, Secretary** September 2016 – Present

- Create weekly newsletters informing subscribers of different engineering clubs' events and job opportunities.

## ACTIVITIES

**UCLA MentorSEAS, Mentor**, 2017 - Present

**Association for Computing Machinery, Member**, 2016 - Present

**Institute of Electrical and Electronics Engineers, Member**, 2016 - Present

**National Honor Society, Publisher**, 2013 – 2014, 2015 - 2016

## VOLUNTEER WORK

**Cathedral Learning Enrichment, Chairman** 2013 - 2016

- Tutored fellow students during lunch and after school in all-around subjects such as Math, Science, English, Spanish, and History.
- Recruited and delegated tutors to assist in the tutoring of students.