

# Brian Chung

## Software Engineer

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### Relevant Experience

#### Research Assistant – CSUF

*June 2020 – Present*

- ▶ Lead Software Engineer for MentorPsych project
- ▶ Worked closely with fellow researchers to develop and document an interactive learning resource for aspiring psychology students

#### Chair – ECS ICC

*July 2019 – June 2020*

- ▶ Hosted Night with Industry, an on-campus networking event, recognized at Tuffy Awards 2020 as Outstanding Program in Academia
- ▶ Facilitated discussions on the allocation of budget for all engineering and computer science organizations and projects

### Projects

#### Visualize COVID-19

🔗 [visualizecovid19.com](https://visualizecovid19.com)

An application for visualizing Coronavirus growth over time in various locations around the world. Travel backward in time and play an animation to see the gradual spread of the virus. Search and filter sites to track total confirmed, deaths, recovered, and active cases.

#### SortAlgo

🔗 [sortalgo.com](https://sortalgo.com)

A web app to visualize Merge Sort, Quick Sort, Heap Sort, Selection Sort, Insertion Sort, and Bubble Sort algorithms. An excellent way to compare sorting algorithms and how they handle random and reversed data.

### Skills

#### Programming Languages

JavaScript (ES6), TypeScript, Python, C/C++, HTML, CSS/Sass, R, SQL, Dart

#### Frameworks

Angular, React, Gatsby, Ionic, Node.js, TensorFlow, Django

#### Tools

Firebase, GCP, Git & GitHub, Docker, GraphQL, Jira, Matplotlib, MongoDB, SQL Databases, NumPy, Pandas, Unix/Bash, RegEx, RxJS

#### Design

Adobe XD, Figma, Final Cut Pro

### Education

#### California State University, Fullerton

Bachelor of Science - Computer Science  
*August 2017 – Expected May 2021*  
GPA: 3.9/4.0

### Certifications and Awards

#### TensorFlow Developer Certificate

TensorFlow Certificate Program  
*Issued June 2020 – Expires June 2023*

#### ECS Dean's Scholarship

California State University, Fullerton  
*Awarded July 2020*