

# JONATHAN FONG

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## Objective

Resourceful college student with diverse background knowledge and skills passionate about stunning UX/UI design seeking to gain research and internship experience to meet future design and technological challenges.

## Courses

### USABILITY AND INFORMATION ARCHITECTURE

Cognitive basis of successful web and multimedia design.

### INTERACTION DESIGN

Fundamental methods and principles for designing, implementing, and evaluating user interfaces.

### MATLAB PROGRAMMING FOR ENGINEERING ANALYSIS

Computer programming in MATLAB with elementary numerical analysis of engineering problems.

### MODELING AND DATA ANALYSIS

Exposure to the basic computational methods useful throughout cognitive science.

## Skills & Abilities

### DEVELOPMENT TOOLS

Java  
MATLAB  
HTML  
CSS  
Javascript

### DESIGN TOOLS

Figma  
Invision  
Microsoft Office  
Final Cut Pro  
Photoshop/Indesign

## Education

### B.S. IN COGNITIVE SCIENCE | UC SAN DIEGO

2016 – 2020

- Specialization: Design and Interaction
- Minor: Computer Science

## Experience

### MACHINIST INTERN | ADIEM ENGINEERING CNC LLC

AUGUST 2017

- Loaded, cut, and finished metal parts by reading technical drawings and operating CNC Mills and Lathes.

### ROBOTICS ASSEMBLY LEAD | FTC ROBOTICS TEAM 9040

2014-2016

- Designed/constructed/tested a robot for the FIRST Tech Challenge robotics competition (2014-2016)
- 2014-15 Motivate award in qualifier
- 2015-16 two Control Awards, first place in qualifiers, and league finalist in regional championships.

### VOLUNTEER COACH | COMMUNITY YOUTH ORCHESTRA OF SOUTHERN CALIFORNIA

2014-2016

- Coached elementary/junior-high level students to improve orchestral and musical skills in a string orchestra, which developed teamwork, musical, communication, and leadership skills.

## Activities

### PRINCIPAL MEMBER | CHRISTIANS AT UCSD

2017-PRESENT

- Planned and organized activities and events by coordinating with other members, principal members, and others in the community.

### VIOLIN

2008-PRESENT

- Certificate of Merit for Violin, Level 10 (2015)
- Director's Award, Community Youth Orchestra of Southern California, 2013
- Grammy Award in Woodbridge High School Music Program (2016)

