

# Alexander Pan

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## CONTACT INFORMATION

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## EDUCATION

**University of California, Berkeley**, Berkeley, California USA

B.A. Computer Science; Expected May 2019

- GPA: 3.81/4.00
- Relevant Coursework: Data Structures, Efficient Algorithms, Computer Architecture, Database Systems, Artificial Intelligence, Structure/Interpretation of Computer Programs, Discrete Math & Probability Theory, Linear Algebra & Differential Equations, Information Devices

**Novi High School**, Novi, Michigan USA

Graduated May 2015

- GPA: 4.00/4.00 (Summa Cum Laude)

## PROJECTS

*findfrisbee.com* (Web Application)

Developed a unified platform for organizing Ultimate Frisbee events, in order to grow the sport and provide convenience. Built with Python Flask and deployed on Heroku. Includes a user and event SQL database and a time-sorted display with attendance/hosting options. Styled using Bootstrap.

*alexpan.me* (Personal Website)

Created a website using HTML, CSS, and Javascript to showcase my coding projects and design portfolio. Incorporates universal visual design principles and custom vectors from Adobe Illustrator.

*Generative Python Art*

Used the Nodebox Mac Application to generate unique desktop backgrounds with Python code. Draws from external Nodebox libraries to create random computerized renditions of bokeh and fire.

## EXPERIENCE

**Innovative Design**, Berkeley, California USA

*Web Developer* (Web Tier)

**January, 2017 - Present**

Developed websites as part of Innovative Design, a student-led creative agency. Took commissions to redesign and make responsive websites for on-campus organizations. Primarily used React to build user interfaces.

*Graphic Designer* (Gold Tier)

**September, 2016 - January, 2017**

Created graphic design illustrations as part of Innovative Design. Worked personally with clients to develop logos and brand identity for on-campus organizations, such as the Educational Opportunity Program and the American Diabetes Association at Berkeley.

## SKILLS

Computer Languages

- Proficient in Python, Java, C, HTML & CSS; Familiar with SQL, LaTeX

Programming Tools

- Flask, Git, React, Bootstrap, Heroku

Other

- Proficient in Adobe Illustrator; Familiar with Adobe Photoshop & Muse; Fluent in Chinese

## INTERESTS AND ACTIVITIES

*Cal Men's Ultimate Frisbee Team (UGMO, 5th at Regionals)*

**August, 2015 - Present**

*Bay Area Mixed Ultimate Frisbee Team (YCC, 2nd at Nationals)*

**June, 2016 - August, 2016**

*San Francisco Dogfish Professional Ultimate Frisbee*

**February, 2016 - June, 2016**