Alexander Pan

CONTACT INFORMATION	2819 Derby St. Unit #302 Berkeley, CA 94705 USA	*Cell:* (248) 974-4099 *E-mail:* alpan@berkeley.edu *Websites:* alexpan.me, github.com/alexxpan

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 an Ultimate Frisbee event-organizing web app, built with Python Flask and deployed on Heroku. Includes an editable user and event database (using SQLAlchemy) and a time-sorted display with public attendance and hosting options. Styled using Bootstrap.

alexpan.me (Personal Website)
Created a website from scratch using HTML, CSS, and Javascript, with custom backgrounds and buttons from Adobe Illustrator. Showcases my coding projects, design portfolio, and contact info.

Generative Python Art
Used the Nodebox Mac Application to generate randomized visual displays from Python code. Draws from the external Nodebox libraries to create computerized renditions of bokeh pictures and fire.

ACADEMIC PROJECTS

University of California, Berkeley, Berkeley, California USA
Text Editor
Created a text editor using the external JavaFX library. Features included cursor and mouse input, word wrapping, open/save, undo/redo, and window re-sizing. $O(n)$ time complexity for rendering.

EXPERIENCE

Innovative Design, Berkeley, California USA

Gold Tier (Graphic Design)   **September, 2016 - Present**
Created graphic design illustrations as part of Innovative Design, a student-led creative agency. 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, MIPS; Familiar with HTML & CSS, SQL, LaTeX

Programming Tools
- Flask, Git, Heroku, Bootstrap, Apache Spark, OpenMP, Intel SSE

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**