

# Albert Xu

Email: [albertxu@berkeley.edu](mailto:albertxu@berkeley.edu)  
Website: [albertxu.me](http://albertxu.me)  
Github: [github.com/albertxu](https://github.com/albertxu)  
Linkedin: [linkedin.com/in/albertxu](https://www.linkedin.com/in/albertxu)  
Phone: (503)706-9926

## EDUCATION

---

*University of California, Berkeley* – May 2021

Bachelor of Arts, Computer Science

Relevant Courses:

- CS61A: Structure and Interpretation of Computer Programs
- EE16A: Information Systems and Devices

## TECHNICAL SKILLS

---

### **Proficient**

Python | HTML/CSS | JavaScript

### **Familiar**

Java | Django

### **Learning**

R | React

## PROJECTS

---

### **WeatherCompare**

Summer 2017

- A visual comparison for weather between two locations, prioritizing readability and aesthetics
- Designed with a Django backend that retrieves weather daily from DarkSkyAPI

### **Vandalize**

Fall 2017

- User-friendly color-customization app for web design, prioritizing clickability and intuitive, lightweight controls
- Uses JavaScript to generate random color palettes and populates dynamic sites with Django

### **Mealpoint Visualizer**

Fall 2017

- Accesses Cal dining website to retrieve a Cal student's mealpoint data, and displays it to them on an interactive plot
- Includes tracking of common dining locations, daily spending habits, and mealpoints left

### **Rupi Kaur Generator**

Fall 2017

- Generates a Markov Chain model of Rupi Kaur's work and uses that chain to generate utterly random and entertaining poems

## WORK EXPERIENCE

---

**University of Arkansas**, researcher with Dr. Qinghua Li

June 2017 – August 2017

- Investigated vulnerability assessment and trends in security exploits
- Used Python and Excel to navigate online databases and built a tool to analyze relationships between platform and typical time intervals for exploit release.

**Mathcounts Competition Program**, coach

November 2015 – February 2017

- Taught middle school and junior high students with little exposure to competitive math
- Team achieved 2<sup>nd</sup> place at state, the highest in more than five years