

# JESSIE GROSS

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## Education

University of California, Berkeley, **Electrical Engineering and Computer Science, B.S.**

2017 – 2020

- **Expected Graduation: May 2020**
- George Miller Scholar (Recognition for community service project with at-risk youth)
- **Courses:** Structure and Interpretation of Programs (CS 61A), Data Structures (CS 61B), Computer Architecture (CS 61C), Discrete Mathematics and Probability Theory (CS 70), Designing Information Devices and Systems (EE 16A/B), Principles and Techniques of Data Science (CS 100), User Interface Design and Development (CS 160), Computer Security (CS 161), Efficient Algorithms (CS 170), Intro to Artificial Intelligence (CS 188).

CodePath, **Mobile App Development Certificate**

2018

- 12-week intensive iOS mobile design program taught by industry professionals

Los Angeles City College, **Mathematics, A.S & Physics, A.S.**

2015 – 2017

- Honors: magna cum laude
- LACC Math Club: Competed in AMATYC competition

## Experience

UiPath, **RPA Developer Intern**

May 2019 – August 2019

- Implemented full-scale automation that processes new invoices retrieved from the HR Department's email saving them hours of manual and tedious work.
- Improved several RPA tutorials for best practices in project organization by contributing better code solutions and clearer documentation.
- Worked alongside RPA developers to implement and develop bots for business processes such as automating data tables, images, text, email, Citrix environments, web data scraping, invoking APIs, and SQL for databases.

Ever Forward Club, **Community Research Intern**

July 2018 – August 2018

- Collected data from approximately 100 participants from one of their workshops and presented my findings in a conference to give awareness of the positive results of having honest and open communication with the at-risk youth.

Los Angeles City College's OSS, **STEM Tutor**

August 2015 – May 2017

- Tutored students with disabilities one-on-one in subjects such as chemistry, computer science, mathematics, and physics.
- Resolved the department's lack of budget to hire more tutors by coordinating a daily hour of drop-in tutoring to cater to 10-15 students who did not have assigned tutors.

## Personal Projects

**Charge Finder** | Android | <https://tinyurl.com/ChargeFinder>

- Developed an android application that finds the nearest Electric Vehicle charging stations within a 50-mile radius from the user's location via Google Maps API.
- Each charging station displays essential info to user retrieved from Google Places and Google Street View APIs.
- User experience was vastly enhanced with implementations of card view designs of EVs and info windows.

**PowerPoint Bot** | UiPath RPA Software | <https://tinyurl.com/PresentationBot>

- Developed the UiPath RPA workflow that invokes Google Cloud Speech API to trigger a bot to move through slides or execute other actions in PowerPoint presentation mode based on the user's voice commands.
- Challenge was improving the accuracy of certain words that sound like numbers, e.g. two, too, and to, which was solved by storing these homophones into a dictionary and mapping their key to the desired number enabling the correct string for the voice command to work.

**The Lazy App** | Android & UiPath RPA Software | <https://tinyurl.com/TheLazyApp>

- Developed the UiPath RPA workflow that invokes html parsing with JavaScript, a download feature for downloading files, Google Drive API to host the downloaded files, and emailing the Google Drive link to the user.
- The first UiPath's component with a mobile feature.
- Made available as open-source for other developers or users.

## Skills

### Programming:

Python  
Swift  
Java  
C  
C++  
C#  
Visual Basic

### Software:

Git  
Xcode  
Android Studio  
UiPath Studio  
Photoshop  
Adobe Premiere Pro  
Adobe After Effects  
Adobe Illustrator

### Spoken Languages:

English  
Spanish

## Awards

**Hackathon Winner**  
**@ Cal Hacks 5.0**  
**Nov. 2018**

Developed a mobile app for users looking to perform full data scraping on any webpage using Android and UiPath RPA software.

## Activities

**Intramural Soccer**  
**2017-2019**

Dedicated team player in 6 players soccer team.