

# ROSARIO HUAMANI CARPIO

860.319.6085 • rhc02014@pomona.edu • [www.cs.pomona.edu/~rhuamanicarpio/](http://www.cs.pomona.edu/~rhuamanicarpio/)  
github: rhuamani

---

## EDUCATION

**Bachelor of Arts** Computer Science, Media Studies (2018)  
Pomona College | 3.64

---

## RELEVANT COURSEWORK

	SKILLS	Java	Python
• Data Structures		HTML/CSS	Arduino
• Discrete Math		C	Latex
• Linear Algebra		MatLab	JavaScript
• Image Processing		Processing	Grace
• Digital Humanities			

---

## EXPERIENCE / ACTIVITIES

**Computer Science TA**, Pomona College | Current

- Assist students in introductory CS course with their assignments in Java and Grace
- Hold mentor sessions to reviews concepts discussed in class

**NSF Researcher**, PLASMA Lab at UMass | June– Aug ‘16

- Wrote Python scripts to generate random surveys from an input .csv of various questions
- Gathered responses from Mechanical Turk and wrote Python scripts to analyze the data
- Updated CSS of surveys to make them more user-friendly

**Computer Science Fellow**, Quantitative Skills Center | Jan– May ‘16

- Assist students from underrepresented groups in completing CS assignments
- Provide help in visualizing programs and algorithms for further understanding

**Square Code Camp Participant**, Square | Jan ‘16

- Selected as one of twenty women out of a 600+ applicant pool
- Collaborated on a web app that uses Ruby on Rails and HTML/CSS to connect Code Camp alumni
- Completed various exercises in order to gain familiarity with Swift, Ruby on Rails, and HTML

---

## PERSONAL PROJECTS

**Current** | Uses HTML/CSS and JavaScript  
Hackathon project that uses OpenWeatherMap API to get weather information from user’s zip code. The app suggests clothing items based on the current temperature.

**What will you do?** | Uses Processing and Arduino  
Robotics project inspired by recent events related to social justice.

---

## AWARDS / HONORS

- Grace Hopper Scholar ‘16
- Tapia Conference Scholarship ‘16 (Microsoft)
- Square Code Camp (Generation VI)