HERTA CALVO-FAUGIER

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EDUCATION

RENSSELAER POLYTECHNIC INSTITUTE
B.S. in Computer Science
Expected May 2020 | Cumulative GPA: 3.58

CETYS UNIVERSIDAD (HIGH SCHOOL)
International Baccalaureate Diploma
Graduated: May 2016 | Unweighted GPA: 3.94

SKILLS

TECHNICAL & PROGRAMMING
- Most experience: Python, C/C++
- Some experience: HTML/CSS, Java, Ruby
- Version control: Git (bash, GitHub)
- Markup: LaTeX, XML

MULTIMEDIA
- Adobe Photoshop, Lightroom, Illustrator

RELEVANT COURSEWORK

COMPLETED
- Data Structures .... Spring 2017

TAKING THIS YEAR
- Foundations of Computer Science ...... Fall 2017
- Computer Organization .... Fall 2017
- Introduction to Algorithms .... Spring 2018
- Principles of Software .... Spring 2018

PERSONAL PROJECTS

PYXEL | Single-player game in Python
- Single-player game with two game modes, one where the player tries to avoid various types of enemies, and another where the player tries to collect tokens while avoiding obstacles.
- Developed collaboratively as part of the three person team. Project page: http://devpost.com/software/cs1000s.

WORK EXPERIENCE

OFFICE OF UNDERGRADUATE EDUCATION | UGED Student Position
Full-time: Jun-Aug '17, Part-time Sep '17- | Rensselaer Polytechnic Institute, Troy, NY
- Aid Educational Technology Specialist in workshops and training sessions, such as the New Faculty Orientation.
- Assist in IT duties in the office such as updating the department webpage and setup of multimedia devices and resources in conference rooms prior to video conference interviews and meetings to minimize technical difficulties.

OFFICE OF STUDENT LIVING AND LEARNING | Administrative Assistant
Aug '16- | Rensselaer Polytechnic Institute, Troy, NY
- Help students, parents and staff, resolving inquiries and issues about student living and other areas of residence life.
- Handle sensitive information with confidentiality, manage keys for residence halls, and update information on website.

COMPUTER SCIENCE DEPARTMENT | Undergraduate Programming Mentor, Computer Science 1
Sep '17- | Rensselaer Polytechnic Institute, Troy, NY
- Hold office hours and help students with questions regarding class material and homework assignments.
- Aid Teaching Assistant during Lab sessions, keeping track of student completion of assignments and answering questions.

RESEARCH

C-STEM | Undergraduate Research Project
Mar '17 – | Rensselaer Polytechnic Institute, Troy, NY
- Develop applications for k-12 education that use block-based coding to engage students in STEM via simulations of culturally significant activities.

AMARO LAB | Summer Research Intern
Jun-Aug '15 | UCSD, La Jolla, CA
- Prepared, ran and analyzed simulations of cancer-causing protein and some possible inhibitors using Visual Molecular Dynamics software and Python scripts.

LEADERSHIP & EXTRACURRICULARS

ACM-W | Treasurer
ACM - Women's Committee
Manage club finances and help organize meetings, professional development, and volunteering events.

SHPE | Advertising Committee Chair
Society of Hispanic Professional Engineers
Create promotional material for meetings and events, to be distributed throughout campus.

SCIENCE AMBASSADORS | JR. Ambassador
Center for Initiatives in Pre-Collegiate Ed. | RPI
Create and deliver multidisciplinary presentations and activities that engage K-12 students in Science.

UNDERGRADUATE RECRUITMENT COMMITTEE
Computer Science Department | RPI
Answer questions from prospective students/parents during Open House, Accepted Students Day and other dates.