Jonathan Elias Caicedo

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Education

Rensselaer Polytechnic Institute – Troy, New York   Expected June 2019
Bachelor of Computer Science and Information Technology & Web Science
GPA – 3.16
Relevant Coursework: Data Structures, Foundations of Computer Science, Computer Organization, Introduction to Algorithms, Principles of Software, Introduction to Open Source, Introduction to Information Technology and Web Science, Operating Systems, Database Systems, RCOS (Rensselaer Center for Open Source)

Work Experience

CodeHS – Tutor   November 2015 – Present

- CodeHS tutors are mentors for CodeHS's userbase of students. As a tutor, I provide feedback and support students as they work on CodeHS's course materials, answer any questions they may have, and grade their exercises.
In my time with CodeHS, I've also have had the opportunity to help create teaching resources to supplement CodeHS's portfolio of teaching materials, as well as contribute code to CodeHS's codebase.

Skills and Interests

Very Good: Javascript, HTML, CSS/SASS, C++, Git   **Operating Systems:** Linux, BSD, Windows, MacOS, Arduino
Good: Java, Python, C   **Frameworks:** Express.js, Angular.js, Django, Meteor
Intermediate: Go, SQL, PHP, Ruby, R   **Systems:** Docker, HAProxy, Nginx, Redis
Prior Exposure: Assembly/LLVM, Android, iOS
            Interests and Hobbies: Cryptography and Cybersecurity, Networking, Web Development, Photography

Organizations and Civic Engagement

- ***The Polytechnic –*** Photography Editor and Systems Coordinator   Spring 2016 – Present
  - I assist in publishing *The Polytechnic*, Rensselaer Polytechnic Institute's student newspaper, on a weekly basis, contributing, editing, and proofing photos from various campus events and activities. I am also responsible in helping develop and maintain numerous facets of *The Polytechnic's* systems and web infrastructure.

- **Web Technologies Group** – Vice Chair   September 2016 – Present
  - I help develop, manage, and maintain numerous open-source web projects that help to better the college experience for students at Rensselaer Polytechnic Institute.

- **HackRPI –** Organizer and Mentor   November 2016
  - I helped organize HackRPI, Rensselaer Polytechnic Institute's annual hackathon which attracts over 500 students from various institutions in the northeastern United States and beyond. During the hackathon, I was one of numerous mentors available to answer questions and provide programming help to hackers.

- **RCOS (Rensselaer Center for Open Source)** – Member and Developer   September 2016 – Present
  - As a member of RCOS, I contribute to numerous open-source projects, many of which were created by other students, as well as developing and maintaining open-source projects of my own. RCOS provides a constructive and supportive environment that benefits my development and project skills.

Recognition and Awards

- **Rensselaer Leadership Award**
  - Given by Rensselaer Polytechnic Institute in recognition of an outstanding record of academic and personal achievements, a strong commitment to excellence, and illustration of intellectual curiosity.

- **Rensselaer Dean's Honor List**   Spring 2016, Spring 2017
  - The Dean's Honor List recognizes students who have attained a grade point average of 3.50 or better, and have no grade below C for the semester.