

Javier Cuan-Martinez

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Education

Harvard University

A.B. Degree Candidate in Computer Science & Citation in German Language
Current GPA: 3.4/4.0

Cambridge, MA

Sept 2014 – May 2018

Tapia Conference Scholarship Recipient

June 2017

Ruhr Fellowship Program Acceptance Recipient

June 2016

Edison International Scholarship Recipient

April 2014

Work Experience

Microsoft

Software Programming Intern

Redmond, WA

May 2017 – Aug. 2017

- Worked on SQL Server on Linux Security team, but worked independently from team with the exception of weekly scrum meetings with manager to discuss progress
- Developed a local, real-time user authentication system for SQL Server on Linux in C++ that allowed Linux users to automatically authenticate themselves on an instance of SQL Server. This saves users time and effort in retrieving their permissions on a given database.
- Learned C++, SQL Server, and security without any prior experience

Digital Archive of Japan's 2011 Disasters: <http://jdarchive.org/en/home>

Web Developer

Cambridge, MA

Oct. 2014 – Jan. 2017

- Maintained and managed a multi-paged website that is built on Javascript, HTML/CSS, Twig framework and has over 2000 active users
- Provided support while eliminating bugs and adding extra features, such as optimizing the search engine, data scraping, database maintenance

RWE innogy

Data Visualizations and Systems Analyst

Essen, Germany

June 2016 – Aug. 2016

- Part of a team using JavaScript D3 library to create visualizations and find patterns within the data. These patterns were used to determine energy usage, make improvements and manage electricity in the Ruhr Valley in Germany.

Github: <https://github.com/jcuanm>

Computer Languages (in order from most proficient to least proficient): Python, Javascript, C/C++, Java, OCaml

Activities

Harvard Computer Society

President

Cambridge, MA

Dec. 2016 – Dec. 2017

- Established the club's first successful membership system and community outreach program
- Manage a club with funds reaching over \$50,000 and email list servers that reach over 4,000 students
- Negotiate sponsorship deals with external companies such as Microsoft, Google, and Facebook

Modo Labs National Appathon 1st Place Winner

App Developer

Cambridge, MA

Oct. 2016

- Developed a mental illness app designed to help students on Harvard find the proper aid that they need
- We used the Modo Labs platform, Javascript, HTML/CSS

Computer Science 171: Visualization: Final Project 1st Place

Website Developer

Cambridge, MA

Nov. 2016

- Using the Javascript D3 library, developed a website that increases awareness of sexual assault on college campuses
- <https://hathix.github.io/through-the-eyes-of-a-survivor/>

Interests

Foreign Languages: Spanish (fluent), German (intermediate), English (fluent)