

Jeremy Arthur Cendana Aguilon

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EDUCATION

Georgia Institute of Technology, Atlanta, GA
Georgia Tech Honors Program Student
GPA: 4.00

Bachelor of Computer Science
Threads: Information Internetworks, Media
Expected Graduation Date: December 2018

WORK EXPERIENCE

Google, Alphabet Inc.

Jan 2017– Present

Software Engineering Intern, Irvine, CA

- Achieved the internship after completing *Google Foobar*, a 21-level competitive coding challenge
- Currently working under the Google Cloud Platform monitoring team

Vertafore Inc.

May 2016 – Aug 2016

ImageRight SDE Backend Intern, Atlanta, GA

- Implemented the media streaming endpoints on the web API to allow users to readily view content on a browser
- Improved maintainability across 4 CRUD calls of a new cloud content system by introducing a new exception management pattern
- Promoted code maintainability across 3 projects by writing C# unit, integration, and end-to-end tests
- Planned and coded the business logic behind a new optical character recognition engine for the product

Georgia Tech Undergraduate Research

Jan 2016 – May 2016

Research Assistant, Atlanta, GA

- Contributed in research to fill gaps in pediatric chronic care for diseases such as asthma
- Developed the backend of a mobile application to streamline diagnoses of asthma through agile methodologies
- Worked in facility 10 hours per week to research, discuss, and implement new features

College of Computing Outreach Program

Oct 2015 – Jan 2016

Programming Teacher, Atlanta, GA

- Provided after-school programming lessons to bring Computer Science to underrepresented groups
- Taught a group of 16 children ages 10-13 the fundamentals of functional programming
- Served as a mentor to the children by portraying software development as a fulfilling career

PROJECTS

IBAAP Asthma Action Plan: <https://github.com/JerAguilon/IBAAPWebsite>

- Developed an easily accessible asthma action plan as part of undergraduate research
- Coded the backend of the stack by interfacing with MongoDB to store user data
- Designed the feature to allow parents to store 5 daily data statistics of their child's asthmatic behavior
- Utilized feature driven design to receive feedback and suggestions from research professor

Spray and Pray: <https://github.com/JerAguilon/SprayAndPray>

- Created a JavaScript web app for Counter-Strike: Global Offensive, one of the most competitive e-sports
- Addressed the challenge of developing skills in-game while not having access to a powerful gaming computer
- Promoted on Reddit to an audience of more than 300 upvoting enthusiasts

LEADERSHIP

Georgia Tech Bitcoin Club

Apr 2016 – Present

VP of Operations

- Utilized past event experience to bring blockchain workshops, meetings, and hackathons to campus
- Worked with founding team 3 hours twice per week to successfully establish the club on campus
- Organized a 2-week Bitcoin scavenger hunt to increase campus involvement in blockchain technology

Alpha Kappa Psi Professional Co-Ed Business Fraternity

Dec 2015 – Present

Director of Professional Programming

- Marketed *Round One*, a *Shark Tank*-like competition, to 3 potential mentors and 1 angel investor to bring them face-to-face with Georgia Tech entrepreneurs
- Programmed the *Round One* website to simplify the application process and display information of 7 angel investors
- Presented 2 times per week on topics relating to technical skills, industry-specific developments, and career-oriented goal seeking

SKILLS/INTERESTS

- **Programming Skills:** C#, Java, Python, HTML, CSS, JavaScript (jQuery/Node.js), version control (git/GitHub)
- **Hobbies:** Blockchain, golf, Rubik's Cube speedsolving, resistance training, traveling