

Daniel Astudillo
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EDUCATION

Williams College - Williamstown, MA Aug 2017 - Present

Candidate for Bachelors of Arts in Computer Science and Mathematics

Relevant Coursework: Data Structures & Algorithms, Computer Organization, Algorithm Design & Analysis, Distributed Systems, Parallel Processing, Fundamentals of Programming Languages, Linear Algebra, Abstract Algebra.

HBX CORE | Harvard Business School May 2018 - Aug 2018

- Learned the fundamentals of business over the course of 150 hours of instruction.
- Strengthened analytical and problem-solving skills through interactive case studies and assessments of real business situations.
- Obtained the HBX CORE Credential of Readiness, a certificate granted upon satisfactory completion of the program.

SKILLS

Languages: Fluent in Spanish, Proficient in French.

Programming: Proficient in Java, Python, JavaScript(Node.js, React.js, Stripe.js, Express.js), PHP, C.

Technologies: REST, HTML, CSS, Amazon EC2, Amazon S3, NGINX, MongoDB, Technical SEO, WordPress, Google Calendar.

RELEVANT EXPERIENCE

RestEasy Technologies, Inc., Software Developer - Remote Oct 2020 - Jul 2021

- Learned about MERN stack development and deployment of production-grade web applications.
- Configured a proxy server with NGINX to serve the backend and frontend from the same port on our AWS EC2 instance.
- Integrated AWS S3 to handle media uploads on our platform.
- Integrated Stripe Payments to manage payments and enable fundraising capabilities for registered users.
- Incorporated MongoDB Bulk Operations to reduce the number of outgoing individual requests to our backend.

Office of Communications, Web Operations Intern - Williamstown, MA Jun 2019 - Aug 2019

- Developed two WordPress plugins that display all Williams faculty on leave, their current positions, and education background.
- Used the Google Calendar API and PHP to develop a plugin that updates Williams users' calendars when their events are published, discarded, or modified.

The Williams Club, Summer Intern - New York, NY Jul 2018 - Aug 2018

- Managed the Williams Club membership database, administered and updated the Club's homepage through WordPress.
- Learned AppleScript to successfully implement an automation scheme handling nearly 85% of the Club's workflows.

BlackRock, Inc., Summer Excellence Internship Program, *APG Intern* - New York, NY Jul 2017 - Aug 2017

- Obtained valuable insight regarding Investment Management, the financial markets, and the use of Computer Science in this field.
- Worked on BlackRock's Aladdin Product Group, tasked with monitoring user activity on the Aladdin investment platform.
- Used the web application framework AngularJS, HTML, CSS, to develop a friendlier User Interface for the Aladdin platform.

LEADERSHIP/ACTIVITIES

Williams Students Online - Williamstown, MA Sep 2018 - Present

- Collaborated with group members to brainstorm potential tech projects that could assist others afflicted by natural disasters.
- Helped organize a Fall 2018 hackathon open to all Williams students.
- Acquired more knowledge regarding web design and development in HTML, CSS, and JavaScript.