

SEBASTIAN CABREJOS

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EDUCATION

Johns Hopkins University, Baltimore, MD

Anticipated May 2022

B.S. in *Computer Science*

Scholarships and Awards: Hispanic Scholarship Fund Scholar (2019, 2020, 2021), Dean's List (Spring 2021)

Relevant Coursework: Data Structures, Fullstack JavaScript, Intermediate Programming in C and C++, Automata & Computation Theory, Computational Modeling (in MATLAB), Software for Resilient Communities, Databases, Intro Algorithms, and Computer Systems Fundamentals

LEADERSHIP & EXPERIENCE

Johns Hopkins Applied Physics Laboratory, *CIRCUIT Research Fellow*, Laurel, MD

May 2021 – Present

- Collaborate with Space Exploration Sector (SES) and Lunar Surface Innovation Consortium (LSIC), and National Aeronautics and Space Administration (NASA) staff members to develop a novel lunar base concept.
- Acquire skills in Data Science & Machine Learning through regular, intensive training sessions.
- Engage in leadership development and mission-driven cohort-based research.
- Participate in a year-long, intensive artificial intelligence research experience.

Semester.ly (Course Scheduling), *Chief Executive Officer | Core Maintainer*, Baltimore, MD

May 2021 – Present

- Organize efforts to update the entire codebase with modern packages/dependencies and build additional platforms.
- Restructure organization with new roles, more developers, and regular software updates.
- Facilitate merger and collaboration with a separate software project, uCredit.
- Communicate with notable university faculty & administrators on our Board of Trustees.

uCredit (Degree Planning), *Software Developer*, Baltimore, MD

May 2021 – August 2021

- Utilize Typescript to integrate several new undergraduate degree requirements.
- Coordinate with team to share ideas to move towards becoming open source and improving the product overall.

Delineo (COVID-19 Modeling), *Fullstack Developer*, Baltimore, MD

February 2021 – May 2021

- Fulfill weekly tasks contributing to front and back-end of innovative COVID-19 Predictive SimulationDashboard utilizing Azure, Express, React, Node, and GitHub.

Semester.ly (Course Scheduling), *Software Developer*, Baltimore, MD

January 2021 – May 2021

- Develop Advisor-Advisee Interaction Platform from determining end users' needs to implementation.
- Integrate meaningful changes to the existing platform employing Django, Redux, React, Docker, JIRA, Lint, and Jest.

Made in Baltimore, *Communications Assistant*, Baltimore, MD

September 2020 – April 2021

- Author weekly newsletters to Made in Baltimore members and subscribers.
- Examine data trends using Google Sheets highlighting insights into current progress and future plans.
- Communicate with the Executive Director on a weekly basis.

Thread, *Data Science Intern*, Baltimore, MD

February 2019 – May 2020

- Analyzed data trends using Excel, Google Sheets, Apps Script, and Salesforce to support data operations.
- Consolidated employee files in folders and removed duplicates to streamline information access; worked closely with Director of Data Management on projects to streamline workflows.

EXTRACURRICULAR INVOLVEMENT

Hop-In Program at JHU, *Student Leader*, Baltimore, MD

June 2018 – Present

- Engage in professional development seminars and academic activities with 30+ first-generation and/or low-income undergraduates; build relationships with faculty and practice goal setting with upperclassman mentor.

Sponsors for Educational Opportunity (SEO), *Scholar*, New York, NY

February 2015 – Present

- Participate in academic enrichment program; attend college success, networking, and career readiness events.

TECHNICAL SKILLS

Proficient in Java, C, C++, JavaScript (Node, Express, React, Django, & Redux),
TypeScript, Python, MongoDB Cloud, SQL (MariaDB), PHP, and MATLAB