

Cory Lau

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Objective

Seeking an opportunity to demonstrate and further develop my abilities in the field of computer science and technology.

Education

2017 - Present **University of Maryland College Park**, College Park, MD
(In progress) Bachelor's Degree in Computer Science & Minor in Statistics

Coursework: Object-Oriented Programming I, Object-Oriented Programming II, Discrete Structures, Introduction to Computer Systems, Algorithms, Organization of Programming Languages, Computer Vision, Artificial Intelligence, Database Systems, Introduction to Data Science, Introduction to Matlab, Calculus II, Calculus III, Applied Probability and Statistics I, Applied Probability and Statistics II

Experience

2020-Present **The Johns Hopkins University Applied Physics Laboratory**
Intern | Laurel, MD

- Created a system message feature for a project planning web application involving C#, SQL, HTML, & Javascript to notify users of scheduled down-time or warnings regarding the application
- Integrated the feature into an Entity (Object/Relational Mapping) framework that the application is based on and utilized a Model-View-Controller software design pattern
- Designed Razor pages that used a combination of HTML, CSS, and C# to design the system messages as well as the interface for creating and editing a new or existing system message
- Migrated an HTML-based resources and tools webpage into the organization's intranet site using Microsoft Sharepoint

2019 **WebWorks Inc.**
Intern | Stephenson, MD

- Exposed to various operations that go on within computer sales, support, and web development, such as data storage, data backup via data compression and deduplication, .htaccess, File transfer protocol, Active Directory, Group Policy, DNS, etc.
- Shadowed for remote support sessions for customers with issues regarding data backup configuration
- Bolstered an auto tool rental site "Automotivespecialtytool.net" from potential cross site scripting attacks and input of malicious URLs from lenders

Projects

Atari Breakout Game (Fall 2017):

Created fully functional brick-breaker game in Processing (software sketchbook language) with moving paddle, moving ball, accurate physics, disappearing bricks, and color and text

HTML and CSS Website (Summer 2019):

A responsive website that functions as a platform to present my projects and computer science resume to potential employers. Created using HTML5 and CSS3. Check it out: <https://cory-lau.github.io>

Skills

- Experience with Java, Python, C#, SQL, CSS, and HTML.
- Proficient in Microsoft Sharepoint, Excel, Visual Studio, Word, Powerpoint
- Strives to demonstrate creativity
- Knowledge in probability and statistics and willingness to learn new concepts