Ryan Low

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github.com/RyanLow

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About

Self-taught HTML, CSS, and JavaScript in high school with internships involving front-end web development. Completing double major on an accelerated schedule and leveraging the opportunity to take more senior-level classes. Interested in mathematics and computer science in areas like artificial intelligence, data science. Welcoming the opportunity to work on challenging projects requiring research, problem-solving, and creativity.

Education

University of Maryland, College Park – Expected graduation May 2021
GPA 3.92, Dean's List

Double major in Computer Science and Mathematics.

Core courses: Software Engineering, Intro to Machine Learning, Data Structures, OO Programming, Discrete Structures, Algorithms, Organization of Programming Languages, Data Science, Full-stack Web Development, Cryptography, Calculus III, Linear Algebra, Differential Equations, Statistics Theory.

Enrolled in Intro to AI, Intro to Deep Learning, Computer Vision, Applications of Linear Algebra, Intro to Mathematical Finance for Spring 2021.

Transcript available upon request.

Experience

PastRx, Jenkintown PA – *Web Development Intern*
Jun - Aug 2017, Jun - Aug 2018

Rewrote a patient report template in Polymer 1.0 by modifying and styling elements to improve readability of information to doctors and pharmacists.

Learned React.js and started the porting of legacy pages to React.js, reorganizing prior code to improve efficiency and readability.

QuantaVerse, Wayne PA – *Web Development Intern*
Jun - Aug 2016

Completed administrative UI overview of bank users and created a visual notification alerting when suspicious activity is detected in a set of transactions (HTML, CSS, JavaScript).

Catalogued metadata of online money laundering databases for a web crawler to scrape and download data.

Skills

Experience with HTML, CSS, JavaScript, React.js.

Strong familiarity with Java, Node.js, Git.

Familiarity with Python, C, C++, C#, OCaml, Ruby, R, SQL, MATLAB.