

Ryan Low

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Education

University of Maryland, College Park

Expected May 2022

Master of Science, Computer Science
Emphasis on Artificial Intelligence/Machine Learning

University of Maryland, College Park

2018 – 2021

Bachelor of Science, Computer Science and Mathematics – Double major
GPA 3.92, Dean's List for all semesters

Selected coursework: Intro to Machine Learning, Data Science, Software Engineering,
Algorithms II, Advanced Data Structures, OO Programming, Linear Algebra, Statistics Theory.

Skills

Languages: Python, JavaScript, Java, C, C++, C#, OCaml, Ruby, R, SQL, MATLAB, HTML, CSS

Libraries and Tools: PyTorch, TensorFlow, React.js, Node.js, Git, Bootstrap

Experience

Web Development Intern — PastRx, Jenkintown PA

Jun – Aug 2018

Reformatted a patient report template in Polymer 1.0 to improve readability of information for doctors and pharmacists.

Jun – Aug 2017

Initiated the porting of over 20 legacy page templates to React.js, reorganizing prior code to improve efficiency and readability.

Web Development Intern — QuantaVerse, Wayne PA

Jun – Aug 2016

Created descriptive tooltips and notifications connected to an API to enhance administrative overview of customer bank accounts, allowing admins to view account details and detect suspicious activity easier.

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

Projects

VLEARN

Oct – Dec 2020

Collaborated with peers and kinesiology researchers at UMD to build a 3D web application for conducting basic motor task experiments on test subjects during COVID-19.

Implemented live data collection during experiments with C# and JavaScript, helping researchers collect data from hundreds of trials for analysis.