Finn Roblin

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EDUCATION

University of Michigan   Ann Arbor, MI
Bachelor of Science in Computer Science, GPA: 3.9/4.0   *Anticipated April 2024*
- Relevant Coursework: Data Structures and Algorithms; Programming and Data Structures; Discrete Math; Proof-based Linear Algebra; Machine Learning (Coursera MOOC)
- Relevant Activities: Quantitative Investment Society; Michigan Hackers; Michigan Triathlon

Sacred Heart Preparatory   Atherton, CA
- National Merit Scholar; AP Scholar with Distinction; Rotary Scholarship
- Relevant Coursework: AP Calculus BC; AP Computer Science A; AP Physics C
- Relevant Activities: Cross Country and Track & Field Varsity Co-captain; Jazz Band

TECHNICAL SKILLS

Languages: C++, Python, Java, SQL (Postgres), JavaScript, TypeScript, GNU Octave/Matlab, Git
Frameworks: React.js, Django, Node.js, Bootstrap
Libraries: Pandas, Tensorflow, Numpy, Matplotlib

EXPERIENCE

Analyst   September 2021 – Present
Quantitative Investment Society   *Ann Arbor, MI*
- Assist QIS, UMich's premier quant club, in developing and implementing quantitative investment strategies
- Develop global correlation matrix of universe of stocks, sectors, and industries
- Develop robust and efficient data pipeline for pairs trading framework

Barista   June – August 2021
Starbucks   *Redwood City, CA*
- Prepared coffee and food orders efficiently and accurately
- Implemented efficient beverage batching techniques to manage high customer traffic, learning to make 50+ drinks
- Contributions during tenure facilitated 35% increase in Store's Customer Satisfaction score

Junior Fellow   June – August 2019
Fast Forward   *San Francisco, CA*
- Aided operations of Fast Forward's Accelerator, a startup program that has accelerated 70 technology nonprofits
- Streamlined job postings database using Amazon Mechanical Turk automation, improved Wordpress website
- Communicated with donors, supported Accelerator event logistics, and designed new efficient media database

PROJECTS

Zenblock | *Typescript, Express/Node.js, React, PostgreSQL, Redis, Docker*   GitHub
- Develop full-stack productivity web application for timeblocking and tracking tasks
- Winner of a Contrary Capital grant through Build Blue accelerator program
- Integrate with Google Calendar API to sync user schedule and aid daily planning
- Serve content using GraphQL and PostgreSQL database, utilize Redis to manage session state

Frictionless Nonprofit Search | *Django, Bootstrap, GlobalGiving API*   GitHub
- Build web application for frictionless search of nonprofit organizations
- Serve content using GlobalGiving API

Privacy-protecting Google Nest Modification | *Arduino, EasyVR*   GitHub
- Modified Google Nest smart speaker with Arduino and voice recognition plugin
- Reprogrammed Nest mute switch to prevent data collection of ambient noise