

Joshua A. Goldstein

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EDUCATION

UNIVERSITY OF MICHIGAN

Ann Arbor, MI

College of Literature, Science, and the Arts • Major GPA: 3.80/4.00

B.S. in Computer Science, Minor in Business. **Expected Graduation: May 2023**

Relevant Coursework: Data Structures & Algorithms, Discrete Mathematics, Web Systems, Computer Organization

TECHNICAL EXPERIENCE

Impilo Health System

Philadelphia, PA

Software Engineering Intern

May - Aug 2021

- Utilized HTML, Angular, and Tailwind CSS to design and build new web pages within design constraints, employed Spring Boot to build a RESTful backend with JUnit and Mockito to test software, & wrote SQL queries and conducted table design for core system
- Developed API endpoint and dashboard to compile customer sales reports from order history with the ability to export information to excel using Apache POI, reducing administrative work by 2+ hours monthly for 8 customers, and 5+ hours for Impilo employees
- Created customer facing health device sales catalog page and internal catalog management tools to help acquire new customers and centralize customer management onto core platform
- Built slack integration into full stack service to provide new order notifications, improving fulfillment process

Childhood Solutions PC

Dresher, PA

Software Engineering Consultant

May - Aug 2020

- Built custom invoice software for company using JavaScript to streamline payment process resulting in 2000+ invoices sent and reducing office admin's weekly work by 2+ hours
- Employed G-Suite within invoice system to create user interface, organize incoming data, and send emails in a timely manner, enabling office managers to better manage payments

PROJECTS

Burned (Python)

2021

- Engineered machine learning algorithm using Python and XGBoost Regressor to build model to predict calories burned during exercise based on age, weight, gender, exercise time, and approximate heart rate
- Designing user interface to enable user to track exercises & food consumption to help maintain a caloric deficit

Stock Market Simulator (C++)

2021

- Created stock market simulation that looks at effects of buyers & sellers on commodities using priority queues and custom comparators to sort orders & complete transactions
- Developed streaming algorithm using state machines to find optimal time to trade a stock to maximize profits

LEADERSHIP

TAMID Group

Ann Arbor, MI

Director of Education

Dec 2020-Present

- Lead education for 40 new members, teaching 10+ professional development workshops covering consulting, finance, and technology, preparing new members to best address client needs and solve strategic problems

monday.com - Student Product Management Consultant

Jan - Mar 2021

- Strategize product road-map, use-case development, and product development to construct a comprehensive package for student organizations on monday meant for 200,000+ student users
- Collaborated with an external marketing team in devising a marketing plan that includes reach, activation and retention, with the goal of increasing each by 30 - 50%

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript, HTML, CSS, SQL

Frameworks: AngularJS, Spring Boot, REST, Git, Junit, Mockito

ADDITIONAL

- Love to cook, enjoy books about startups and history, relieve stress with weightlifting and exercise, learning to play guitar, diehard Philly sports fan