Jack Walters

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Education

Johns Hopkins University, Baltimore, MD   Expected Graduation: May 2022
  – Bachelor's of Science (B.S.) in Computer Science, 3.62 GPA, 1560 SAT
  – Dean's List Fall 2018, Spring 2019, Spring 2020

Work Experience

Fig - Food is Good, Remote   Summer 2021
Software Engineer
  – Leveraged Typescript, Node, and Express to develop an API microservice that creates Food item Recommendations for users with dietary restrictions.
  – Increased mobile app click rate on food items for the 30,000+ user base by 15% by deploying the Recommendations API and frontend to production in mobile app, web app, and emails
  – Conducted user interviews, and experiments on how to best curate and deliver recommendations throughout the summer

Johns Hopkins Applied Physics Laboratory, Baltimore, MD   Summer 2020
Software Engineering Intern
  – Developed web based Parallel Coordinates Plot for data visualization, displayed using React and d3
  – Implemented feature to download web based widgets of dashboard in PNG format, using Plotly.js library

ASRC Mission Solutions, Moorestown, NJ   Summer 2019
Software Engineering Intern
  – Obtained interim secret DoD clearance to work on Navy's Aegis Defense Software
  – Developed internal Java program to streamline process of data extraction from Lockheed Martin API for integration test shots
  – Application simplified integration testing for Performance Engineering team of 10 coworkers by decreasing time spent testing by 5 minutes

Projects

Co-founder and CTO of BundL   Sep. 2020 - Present
  – BundL is a centralized mobile wallet that creates and pushes targeted merchant rewards programs to a single debit card program for users.
  – Developing the iOS mobile app in Swift, REST API in Node.js and Express, and a business facing dashboard for merchants.
  – Currently services 25 users who have spent $4500 in over 335 transactions.

Plesi: Android Mobile App   Nov. 2020 - Present
  – Developed the Plesi app which allows users to find new local businesses by: searching and filtering, favoriting businesses, and sharing businesses with friends.
  – Used Java for Android development and Firebase for user authentication and real time database.

Activities

Johns Hopkins Varsity Baseball Team, Baltimore, MD   Sep. 2018–Present
  – Third Baseman on Johns Hopkins Division 3 Baseball team
  – 2020 and 2021 Centennial Conference Academic Honor Roll

Additional

Programming Languages / Frameworks
  – Typescript, JavaScript, Node.js, Express, Kotlin, C/C++, Java, Python, Swift