Mathew Varughese

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🎓 Education

University of Pittsburgh
Honors College,
B.S. Computer Science, Minor in Mathematics
4.0 GPA Expected April 2020

☰ Skills

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

Other: Node.js, React, AngularJS, Webpack, SASS, MongoDB, Hadoop, Spring

Tools: Postman, Photoshop, Illustrator, JIRA, Confluence

🔧 Projects

Megabus Ticket Finder 🔗
Finds deals to save users up to 80% on bus tickets. ReactJS frontend shows cheapest tickets given a date range. Backend service sends email notifications triggered by price changes.

NeuroLog 🔗
An interactive web diary for patients with mental health disorders built with AngularJS, Flask, and MySQL. Performs analysis on entries with IBM Watson (Artificial Intelligence).

Deriver 🔗
Parses a mathematical string like "4x^3+(sinx)^3" and uses algorithms to calculate the derivative.

💼 Work

JPMorgan Chase & Co   Summer 2018
Software Engineering Intern, *Data Acquisition*   Houston, TX
· Reduce release cycle time by 15% by implementing data assurance regression testing platform
· Save about 2 days of developer time per sprint by building data lineage visualization and schema change analysis tool for data warehouse system

Interactive Multimedia Group   July 2015 – May 2018
Full Stack Engineer   Horsham, PA
· Launched six enterprise-level web applications with a combined total of about 1000 daily users
· Researched new tools like Jenkins and Webpack in my free time and taught them to the team
· Developed and co-architected a drag-and-drop web-application builder that reduced application development time by 60%

🎖 Awards & Activities

Undergraduate Teaching Assistant   Current

Vice President Pitt Computer Science Club   Current

1st at **JPMorgan Code for Good Hackathon**   November 2017
· Selected from ~1500 applicants to attend
· Team with 4 strangers
· Built AngularJS web portal to streamline scholarship nomination process for a non-profit

2nd at **Kent Hack Enough Hackathon**   October 2017
· 100 teams attended
· Team with 2 strangers
· Built FocusApp, a weekly goal tracker for Android and the web

Salutatorian of Hatboro-Horsham High School   June 2017

President & Cofounder of High School Computer Science Club