

# MATHEW VARUGHESE

✉ [matvarughese3@gmail.com](mailto:matvarughese3@gmail.com)

🌐 [varughese](#)

in [matvarughese](#)

☎ (215) 495-3097

## EDUCATION

**University of Pittsburgh**, Pittsburgh, PA  
*Honors College, B.S. in Computer Science, Minor in Mathematics*

*Projected Graduation* APRIL 2020  
**GPA 4.0**

## EXPERIENCE

**JPMorgan Chase**, Houston, TX  
*Incoming Software Engineer Intern*

JUNE – AUG 2018

**Interactive Multimedia Group**, Horsham, PA  
*Full Stack Engineer*

JULY 2015 – MAY 2018

- Launched six enterprise-level web applications, with a combined total of about 1000 daily users
- Worked on multiple projects simultaneously with strict deadlines and still managed to finish ahead of schedule
- Led client discussions and translated their requirements into JIRA tickets
- Developed offline-first data synchronization and change-tracking system with SocketIO, MySQL, MongoDB, and IndexedDB
- Contributed to in-house framework containing over 15,000 lines of unit-tested code called “NoInfoPath” which reduced application development time by about 60%
- Developed and co-architected a drag-and-drop web-application builder that generated NoInfoPath applications
- Researched new tools like SASS and Webpack in my personal time and taught them to the team

## SELECTED PROJECTS

**Megabus Ticket Finder** [[Link](#)]

FEB 2018

- Finds deals to save users up to 80% on bus tickets
- ReactJS front-end which tells users the cheapest available tickets given a date range
- Saves ticket information and sends email notifications to users triggered by price changes

**NeuroLog** [[Link](#)]

NOV 2017

- An interactive web diary for patients with mental health disorders
- Performs analysis on entries with IBM Watson (Artificial Intelligence)

**Deriver** [[Link](#)]

MAY 2016

- Parses a mathematical string like “ $4x^3 + (\sin x)^3$ ” and uses algorithms to calculate the derivative

## AWARDS & ACTIVITIES

**Vice President** Pitt Computer Science Club

PRESENT

**1<sup>st</sup>** at *JPMorgan Code for Good Hackathon*, Wilmington, DE

NOV 2017

Built AngularJS web portal to streamline scholarship nomination process for a non-profit

**2<sup>nd</sup>** at *Kent Hack Enough Hackathon*, Kent, OH

OCT 2017

Built *FocusApp*, a weekly goal tracker for Android and the web

**Salutatorian** of Hatboro Horsham High School (Ranked 2<sup>nd</sup> out of 400)

JUNE 2017

**President & Cofounder** Computer Science Club of Hatboro Horsham High School