

Srihith Maraka

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WORK EXPERIENCE/PROJECTS

The Vanguard Group

June 2019 – August 2019

Global Business Solutions AWS Software Developer: Virtual Assistant

Malvern, PA

- Developed a virtual assistant for external users of the Vanguard website. It allows users to search for any mutual fund created by Vanguard, US equity, and helps users with any questions they have about investing by using AI and machine learning. Used AWS Lambda, AWS Lex, AWS Elasticsearch, and Python for development.
- Developed a web application for internal use at Vanguard. The application allowed users to post public reviews of the cafeteria's food on Vanguard's campus. Used Angular 7, Node.js, Neo4j, and VS Code for development.

Penn Medicine

June 2018 – August 2018

Security Software Developer: JiTA (Just in Time Risk Awareness)

Lancaster, PA

- Developed an award winning risk engine for all of Penn Medicine that allowed administrators to view the most risky users on the networks and contact the users about their risky behavior automatically through email and a pop up webpage at login. Used C#, SQL, JavaScript, HTML, CSS, and PowerShell for development.

Excel Merger

June 2018 – August 2018

Personal Project

Lancaster, PA

- Developed a Windows application that allows users to take multiple excel files and combine them based on columns and export the new file as a .xlsx.

The Importance of Blockchain in the World of Bitcoin Cryptocurrency

January 2018 – April 2018

Author and Presenter

Pittsburgh, PA

- Wrote a professional paper on the future of blockchain and how it can be leveraged in the finance industry.

Mathnasium

August 2016 – January 2017

IT

Lancaster, PA

- Implemented a software solution that allowed all tablets to seamlessly access all documents on the server to increase work flow.

EDUCATION

University of Pittsburgh

2017 - 2021

Computer Engineering and Economics

Pittsburgh, PA

- **Major GPA:** 3.925
 - **Dean's List:** 2017 – Present
 - **Relevant Coursework:** CS 1501: Algorithms, CS 449: C, ECON 0280 Intro to Money and Banking
 - **Certificates:**
 - Blockchain Technology BerkleyX
 - Data Science Professional Certificate HarvardX (Using R)
- **Involvement:** Triangle Fraternity – Fundraising Chair, Computer Science Club, and Real Estate Investing Club

SKILLS & INTERESTS

- **Skills:** AWS, Java, C#, C++, Python, Angular, Node.js, SQL, R, Git, UNIX, MATLAB, Visual Studio, Word, Excel, PowerPoint, XCode, Project Management, and Leadership
- **Interests:** Data Science, Blockchain, Investing