

Ayush Sharma

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WORK EXPERIENCE

Product Management Intern – U.S. Bank (01/2021 – Present)

- Lead technical development for an advanced cybersecurity application called the Decentralized Identity Pilot (DID) with Microsoft Azure for U.S. Bank customers.
- Delivered business case whitepaper to senior U.S. Bank executives showcasing the impact of DID in assisting to secure more than 18.7 million customers data and more than \$8.7 billion in assets.
- Conducted data and marketing analysis with PowerBI and Tableau for an international financial transaction application called Cross Border.
- Collaborated with team of interns in prioritizing KPI, creating user stories, writing product documentation to test new functionality, and conducting User Assurance Testing & Quality Assurance for Cross Border.

Chief Executive Officer – 4 Years LLC (05/2018 – 01/2021)

- 4 Years was created in order to help international and domestic students get into top US Universities. All services, such as the ASD, are free of charge.
- Lead developer of 4 Years website and Accepted Student Database.
- Designed and implemented a customer and employee login system of 75 users by provisioning Google Firebase and Cloud Firestore.
- Managed ACT Tutoring team of 20 and website development team of 5.

Software Engineer Intern – Northrop Grumman (05/2020 – 08/2020)

- Developed a Microsoft PowerApp for the Centers for Disease Control and Prevention (CDC) Public Health Department which handles automated testing with PowerBI, PowerAutomate and Python.
- Lead a team of 3 interns to design a second PowerApp for the CDC Prevention Research Center to allow users to add research projects for the Department of Non-Infectious Diseases.
- Implemented a REST API and interactive United States Map to automate facts sheets for all 50 US States for the Office of Smoking & Health.
- Contributed on COVID-19 Data Tracker with CDC Data Scientists. Wrote primarily with NumPy and Python.

EDUCATION

Georgia Institute of Technology (2019– 2023)

GPA : 3.80

Related Coursework : Discrete Math for CS, Multivariable Calculus, Management Statistics, Object-Oriented Programming

Activities: Vice President of Poker Club, Georgia Tech Soccer Club, Bits of Good

Current Sophomore Undergraduate Computer Science student at the Georgia Institute of Technology with concentrations in People and Artificial Intelligence.

Industrious, diligent and fast learning student with years of experience in a technology real-world environment.

Avid soccer player and machine learning enthusiast in hopes of developing more products to help change the world as we see it.

Product Skills: Product Management, Defining Requirements, Prioritization, Product Design

Project Management Skills: Agile, Scrum, CI/CD

Software and Language Skills: Java, Python, Google Cloud, Microsoft Azure, AWS, Tableau, PowerBI, TensorFlow

Other Skills: QA Testing, UA Testing, User Research, Data Analysis, Market Analysis

Personal Projects:

4 Years Mentor System – Fully operational website with an embedded NoSQL Database to live track all mentors logged in hours and payments. Built with Google Firebase, Cloud Firestore, Python, JavaScript and HTML.

Poker Probability Algorithm – TensorFlow based model used to determine the probability chances of a player winning on a specific deck of cards. Used for Northrop Grumman Poker tournament with a 96.7% accuracy.