

Ayush Sharma

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WORK EXPERIENCE

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

- Designing an advanced cybersecurity application with AI capabilities for US Bank Consumer Banking called the Decentralized Identity Pilot Program (DIPP) with Microsoft Azure Engineering for US Bank customers.
- Designed DIPP entry strategy, forecasting go-to-market timeline through research and coordination with marketing and engineering.
- Delivered business case whitepaper to senior executives and shareholders, demonstrating the impact of DIPP in assisting to secure more than 18.7 million customers and more than \$8.7 billion.
- Worked on prioritizing features, creating user stories, writing product documentation to test new functionality, and bringing features to release into User Assurance Testing & Quality Assurance.

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 on Smoking & Health.
- Contributed on COVID-19 Data Tracker with CDC Data Scientists. Wrote primarily with NumPy and Python.

EDUCATION

Georgia Institute of Technology (2021 – 2023):

Major : Computer Science

Threads : Intelligence & People (Summer 2021 Transfer)

Activities: Georgia Tech Soccer Club, Vice President Poker Club

Sophomore Undergraduate Computer Science student at the Georgia Institute of Technology with experience in various fields of technology and engineering.

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

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, Anaconda.

Other Skills: QA Testing, UA Testing, User Research, Market Analysis, Business Intelligence and reporting

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.