Navya Khanna

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EDUCATION

Georgia Institute of Technology | Atlanta, GA *Aug 2020 – Dec 2024*
B.S./M.S. in Computer Science, GPA 3.93/4.0
Coursework: AI, ML, Computer Vision, Object Oriented Programming, Data Structures & Algorithms, HCI, Statistics
Honors/Awards: Dean's List&Faculty Honors (x6), AnitaB org GHC Scholar 23, Tapia Scholar 23, ProductATL
Foundations Fellow, Student Leader at S.U.P.P GaTech, Festivals Advisor @ GTSCPC

WORK EXPERIENCE

Georgia Tech School of Interactive Computing, Atlanta, Georgia *May 2023 – Present*
Lead Undergraduate Research Intern, Generative AI – Mental Health Support
- Leveraging NLP techniques to investigate the utility and harms of Large Language Models (LLMs) for mental health support using Azure OpenAI services. Collaborating with a multidisciplinary team of 5 PhD researchers.
- Played a pivotal role in securing the highly selective Microsoft Accelerate AI Research Grant. Successfully led and delivered 8 presentations to Microsoft leadership and internal/external stakeholders, resulting in a 6-month grant extension and a 100% increase in allocation of Azure Credits.
- Working towards submitting the research paper to the Conference on Computer-Supported Cooperative Work & Social Computing (CSCW).

Georgia Institute of Technology, Atlanta, Georgia
Teaching Assistant, Design and Analysis of Algorithms *Aug 2023 – Dec 2023*
Teaching Assistant, Discrete Math for Computer Science *Jan 2022 – May 2023*
Ulta Beauty, Bolingbrook, Illinois *June 2022 – Dec 2022*
Software Engineering Intern
- Analyzed consumer e-commerce data gathered from marketing team, conceptualized and developed a new microsite using html/css and JavaScript to increase average site visits by 5k per month & session duration by 2 mins.
- Increased efficiency for 30 engineers by 70% by developing a dashboard in Confluence to organize key information using Jira and Jenkins data. Evaluated benefits and tradeoffs, drove the product roadmap, and tracked key results.
- Improved website usability by 20% by creating a platform in Confluence to incorporate web accessibility guidelines.
- Translated business needs and pain points into implementable technical solutions by understanding customer experience and collaborating with different stakeholders – engineering, business, creative, marketing.

Microsoft, *Tech Resilience Program Apprentice (Online)* *March 2021 – April 2021*
- Worked with and mentored by MS product managers and software engineers on problem solving, critical thinking.

PROJECTS

Machine Learning Sentiment Analysis, Hotel Reviews | Project Manager and Programmer
- Performed data cleaning and preprocessing on a hotel reviews dataset using Python to classify negative and positive reviews. Ran metrics including F1-score, ROC-AUC, Loss etc. to find 90% accuracy and compare model results.

PowerUP | Project Manager and Programmer
- Built a Tower Defense game using JavaFX/FXML. Employed TDD, GRASP, SOLID principles under Agile.
- Secured 1st place; Winner Team in the Best Project Competition out of 103 teams.

LEADERSHIPS & AFFILIATIONS

My Powerful Pen | Co-Founder
- Established a platform to voice the opinions of India's youth, with a 60+ member community.
- Book published with 71 entries focusing on gender equality and property rights empowerment for women.

Bounty | Product@GT Executive Board Member and Product Manager
- Implemented product features and functional requirements of application to increase efficiency and usability by 20%.
- Organized and coordinated 5 events with 500+ attendees, participation increased by 30% from previous year.

SKILLS

Product Management/Data Analysis: Jira, Confluence, Excel, Tableau, Kanban, Figma, SDLC, Requirement Analysis
Programming: Python, Java, HTML/CSS, JavaScript, AR/VR, C, SQL, Office 365, Git, InVision