

Alishaan Ali

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Education

Vanderbilt University, Nashville, TN

May 2024

Bachelor of Science in Computer Science, Bachelor of Arts in Economics

William Mason High School, Mason, OH

May 2020

GPA: 4.00/4.00 – Weighted GPA: 5.35 | ACT: 35

Extracurriculars: Speech and Debate (Captain), Mock Trial (Varsity Captain), Mason Hack Club Chapter (Financial Director), Science National Honors Society, Peer Tutoring, Association for Computing Machinery

Experience

GE Corporate, Cincinnati, OH

June 2020 – August 2020

Cyber Product Security Engineering Intern

- Created integrations to display metrics such as used space from a Hardware Security Manager to the front-end interface of GE's proprietary code signing service utilizing GoLang, AngularJS, and MongoDB reducing on-site servicing times by 50%
- Increased code coverage numbers by 40% on both the front-end and back-end of the code signing service
- Decreased detected vulnerabilities from the nMap tool by 50%

The Hack Foundation, San Francisco, CA

August 2018 – August 2020

Midwest Hackathon Organizer

- Managed budget of \$50,000+ across 5+ events in the Midwestern region
- Arranged 24-hour overnight event at local universities and high schools for 600+ attendees
- Co-ran events with Fortune 500 companies including companies such as Amazon and General Electric
- Ran and taught 10+ workshops on topics such as Cyber Security, Amazon Web Services, Virtual Reality, and more
- Built integration system across 4 different platforms with custom-made ExpressJS routes including Slack, Sendy, Airtable, and frontend registration pages at 99% uptime

GE Digital, Cincinnati, OH

June 2019 – August 2019

Enterprise Applications Development Intern

- Headed production of automated failsafe protocol for Single-SignOn outages reducing downtime by 40%
- Reduced backlog stories and user requests by 25% while also maintaining development on regular two-week sprint cycles
- Created 25+ test scripts for API integrations within ServiceNow to ease the service upgrade transition

Seer Commerce, Nashville, TN

May 2018 – August 2018

Business Development and Analytics Intern

- Managed official social media accounts for e-commerce businesses that reach an average of 100,000 users daily
- Directed relationships with suppliers for shipment of merchandise for over \$300,000 in revenue
- Instituted triage system for handling of customer service tickets that reduced end-to-end case resolution times by 75%
- Identified cost reduction and loss prevention strategies that reduced costs from chargebacks and disputes by 15%

Projects

Fintech Python Options Trading Automation

Nadex Trading Bot

- Developed automatic trading platform for client on Upwork freelance website
- Integrated to Gmail email alerts to place forex option orders in real-time
- Handled \$5,000 worth of forex trades each day to facilitate rapid trading to maximize profits

Social Impact Focused Social Media Application

Occurren Mobile App

- Won Best Social Impact Hack at Hack Chicago, a hackathon with 300+ attendees
- Built cross-platform app on Android, iOS, and Web to address a social isolation epidemic for individuals with autism
- Implemented machine learning through Firebase to generate relevant matches for individuals based on their interests

Skills and Interests

Skills: Python, Java, C++, HTML, CSS, JavaScript, GoLang, AngularJS, Docker, MongoDB, Front-End Web Development, Docker, Jenkins, Office Suite, Google Suite, Urdu (Fluent), Hindi (Fluent)

Interests: Political Science, Computer Science, Law, Exotic Foods, Web Development, Global Issues, Travel, Hardware, Robotics