Anh Pham

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EDUCATION

Bachelor of Science in Mathematics-Computer Science   *Expected Dec 2023*
University of California San Diego
Relevant Coursework: Data Structures, Software Tools and Techniques Lab, Cryptography, Statistics, Calculus

WORK EXPERIENCE

Best Brains Learning Center   *10/2021-PRESENT*
- Educates and assists 15 students ages 4-15 through drop-in tutoring sessions for subjects including Math, English, Coding, and Abacus
- Plans, designs, and teaches Python programming to students by creating 50+ work problems that both challenge and stimulate the students
- Communicated with parents and addressed concerns to understand each student's specific needs and desires

Paris Baguette   *01/2021-10/2021*
- Provided excellent customer service for 100-200 guests per shift by memorizing over 30 food items
- Handled payments via a POS system fulfilling over 200+ orders per shift and professionally addressed any customer complaints
- Coordinated with the kitchen, managers, and coworkers to maintain smooth operations and ensure each guest was satisfied with their service during high-volume rushes.

PROJECTS

JPMorgan Cybersecurity Virtual Experience Program on Forage   *10/2022*
- Analyzed dataset with 200,000 entries of fraud in financial payment services, wrote queries and visualized those in an easily digestible format using Pandas library
- Built and developed a machine learning model that classified emails to filter out spam emails using Scikit-learn

Port Scanner   *09/2022*
- Set up Kali Linux Virtual Machine and built a script for port scanning to determine open ports and diagnose security levels
- Scan through a list of ports given an IP address using the Python library to identify vulnerabilities

EXTRACURRICULAR ACTIVITIES

Cyber Defense Team
Club Member, San Diego State University   *08/2021-PRESENT*
- Worked on weekly practice exercises involving Linux Command Line, Log Analysis, and Virtualization
- Set up a personal hacking lab and installed a virtual machine to understand both attack and defense perspectives

Beginner's Programming Competition Committee
Core Member, University of California San Diego   *04/2021-03/2022*
- Organized a quarterly programming competition and collaborated with a team of 12 to create 30+ challenging programming problems
- Debugged, generated test cases, and provided solutions for each problem coded in Java, Python, and C++

SKILLS

Technical Skills: Python, Java, C, C++, Linux, HTML5, CSS

Tools: Kali Linux OS, MacOS, WindowsOS, VMware, Splunk