Thien-Lam Vo

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EDUCATION

Virginia Polytechnic Institute (Virginia Tech)   **Graduated May 2022**
Computer Engineering (Software Systems Primary with Cybersecurity Secondary)   GPA : 3.61/4
      Magna Cum Laude Distinction

SKILLS & RELEVANT COURSEWORK

- C++
- Python
- C
- Version Control: Git

- Applied Software Design
- Data Structures & Algorithms
- AI & Engineering Applications
- Computer/Networking Security

- Telecommunication Networks
- Computer Organization
- Introduction to UNIX
- Fundamentals of Digital Systems

EXPERIENCE

CACI   **Oxon Hill, MD**
Software Developer Intern   *May 2021 – August 2021*
- Created Python program which led to 70% increase in speed by converting XML data to create formatted .geojson and .csv files that can be plotted in ArcGIS's program map to be able to provide technical support anywhere in the U.S.
- Developed documentation for Python program and led presentation displaying progress and overall work during internship

Target   **Falls Church, VA**
Lead of Guest Relations/Front End   *August 2017 – August 2020*
- Supervised 5-10 front end coworkers to ensure a high level of efficiency and customer satisfaction
- Handled 100-150 transactions per shift in a timely manner to ensure fluid and effective operations

ADDITIONAL EXPERIENCE AND PERSONAL PROJECTS

Harvard's CS50/CS50 Web Development
- Developed strong programmer skills and habits learning C, Python, SQL, database, and Web Development skills
- Implemented Django websites imitating Wikipedia creating, searching, and deleting articles, and an airline website for purchasing tickets and managing passengers and their information
- Implemented photo filters using pixel value manipulations, quick access to dictionary of words using a hash map, and credit card number validation

Data Structures/Software Design
- Generated random maze of varying sizes which were solved using stacks and backtracking
- Created GUI for drawing using points, lines, and curves in Qt5 and implemented version control using Git

LEADERSHIP

Society of Asian Scientists and Engineers (SASE)   **Blacksburg, VA**
Senior Advisor   *May 2021 – March 2022*
- Provided 1-on-1 and group mentoring for 14 officers to support their personal development and advocating mental/physical health, personal desires, and promoting the SASE pillars

President   *March 2020 – May 2021*
- SASE at VT recipient of 2021 SASE Inspire Award: Most Improved Chapter
- Guided officer board of 12 officer members to provide professional and social development through events and workshops to 100+ paid members, and 350+ weekly email readers
- Recruited and gained a 45% increase in paid membership
- Led transition to a virtual semester which we conducted 48 virtual internal and external events
- Obtained 4 company sponsorships resulting in 177% increase in sponsorship money and 40% increase in overall budget

Secretary   *September 2018 – March 2020*
- SASE at VT recipient of 2020 SASE Inspire Award: Most Influential Chapter
- Sent bi-weekly emails to more than 300+ readers for SASE updates, future events, and promoting active communication
- Measured organization's performance through the analysis of SASE's pillars to detect deficiencies to optimize communications and interactions between officers, members, and subscribers

Boy Scouts of America   *September 2006 – Present*
Eagle Scout
- Highest ranking in BSA that demonstrates a high level of leadership, service, and spirit

Project Manager
- Supervised and led a group of 45 volunteers on a service project to overhaul 450 square feet of a church's exterior landscape for total of 200 man-hours