PHONG LE

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Current Address:
Charlottesville, VA 22903

EDUCATION

University of Virginia, Charlottesville, VA
Bachelor of Science in Computer Science   *Aug 2022 - May 2025*
- Applied Mathematics Minor
- GPA: 3.96/4.0
- Relative Coursework: Computer Systems and Organizations, Data Structures and Algorithms, Discrete Mathematics, Probability

SPECIALIZED SKILLS

Python, Java, C, Javascript (React, Node), HTML, CSS, Django REST, Git, Postman, Figma, Matlab, Jira, Trello, Microsoft 365

WORK EXPERIENCE

Spotlist, Remote
Full Stack Software Developer   *Aug 2023 - Present*
- Implemented front-end mobile user interfaces and functionality using React Native
- Developed and maintained robust and scalable RESTful APIs using Django REST framework, ensuring efficient data communication between front-end and back-end systems
- Tested API end points and database interactions with Postman

AiPi Solutions, Reston, Virginia
Software Developer Intern   *May 2023 - Aug 2023*
- Led a team of 8 interns in training a Large Language Model to automate editing process of Non-Disclosure Agreements, reducing Attorney NDA review time by at least 60%
- Utilized Jira and Agile Development methodologies to streamline project workflows and team collaboration
- Developed Python code utilizing Openai API to train "DaVinci" language model on a data set of 250 attorney revised NDA's, yielding a model validation token accuracy of 0.95

RegEx LLM Research Project, Charlottesville, Virginia
Undergraduate Researcher, UVA CS Department   *Aug 2023 - Present*
- Collaborated closely with Professor Sebastian Elbaum to integrate Large Language Models for accurately generating software and non-software specification with regular expressions
- Constructed an internal database of RegEx conversions for LLM training using PyTorch to automate natural language to RegEx conversions

PROJECTS

SimpliSplit, React Native | Python | Firebase
2023 VT Hacks Project   *Sep 2023 - Sep 2023*
- Cooperated in a team of 4 to develop a app-store published mobile app to streamline bill splitting by allowing users to scan a receipt, match friends to receipt items, and send venmo pay re-direct links accordingly with one click
- Utilized tesseract for receipt scanning OCR, React Native for front-end mobile development, Venmo API for payment processing, and Firebase for user account database storage

Discord Bot, Python
Personal Project   *Dec 2022 - Dec 2022*
- Developed a multifaceted discord integrated robot using Python, Discord API, and Riot API
- Bot features include: autonomous running, pulling league of legends game data, sending customized emails, searching google given a query, welcoming new server users, telling random jokes, and relaying bot latency,

EXTRA CURRICULAR ACTIVITIES

Governor's School For Agriculture At Virginia Tech, Blacksburg, Virginia
Research Team Member and Student   *Summer 2021*
- Presented and contributed to a 20 page research paper proposing alternative, renewable, and sustainable sources of energy to a panel of judges and audience
- Researched innovative agricultural technologies such as precision drone crop sprayers, turbine biomass systems, and waste combustion engines

Centreville Robotics, Centreville, Virginia
Team Member   *Sep 2019 - Feb 2020*
- Coordinated with a team of 10 to design, build, and operate a multifaceted robot to compete against other robotic programs across region
- Volunteered at program hosted STEM fairs for elementary and middle school kids interested in learning and pursuing STEM