ANDREW TRUNG VO

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EDUCATION

Drexel University | Philadelphia, PA — Anticipated Graduation: June 2019
Bachelor of Science in Computer Engineering — Minor: Data Science and Computer Science

EXPERIENCE

Comcast | Philadelphia, PA — April 2018 – September 2018
Jr. Analyst Co-op

- Architected and implemented daily voiding bot for time consuming and multidimensional process
- Converted manual regression testing for National Revenue Share Application into automated dashboard
- Generated reports, calculations, and developed in Lavastorm for month end revenue calculation
- Improved efficiencies of existing processes with Python and batch scripting

GlaxoSmithKline contracted by Atrium | Collegeville, PA — April 2017 – September 2017
R&D IT Innovation Analyst Co-op

- Developed AI chat bot services in Node.js using Azure's bot framework platform
- Built and maintained SQL database, scripts, indexes and complex queries for data analysis
- Evaluated metadata with Spotfire to create visualizations and data analysis using R scripting
- Designed and developed front-end for team website in GSK's internal network
- Championed innovative technologies to bring into R&D IT with proof of concept sprints

Design Project ElectroTrain | Drexel University Philadelphia, PA — April 2016 – June 2016
Project Leader

- Led a team of 5 engineers through the engineering process to develop an electromagnetic toy train set
- Designed and constructed a functioning prototype with 3D printed components with a custom train pod
- Maintained project website with status reports, project goals and met deadlines
- Performed a series of tests to record data within Excel and compiled information in a research document

WindiGo Turbines LLC | Philadelphia, PA — September 2015 – March 2016
Electrical Engineer Intern

- Developed MATLAB mathematical simulation software for theoretical turbine efficiency based on airfoil geometry for hybrid turbine design
- Researched wind turbine models with wind tunnel testing to acquire data on various generators
- Designed wind turbine schematic diagram with electronic circuitry for prototyping
- Modeled custom Darrius wind turbines with point cloud 3D modeling in CREO 3.0

SKILLS

Coding Languages: Python, C, MATLAB, R, Node,js , HTML/CSS, SQL, VHDL
Software Tools: Linux, Vim, Git, Visual Studio, PyCharm, ModelSim, PLC, Microsoft 365, Tableau, UIPath, AWS
Concepts: Object-Oriented Programming, Artificial Intelligence, Machine Learning, Data Visualization, Agile Development, Project Management, Debugging, Scripting, Automation Tools, RPA, Algorithms, Cybersecurity
Spoken Languages: English, Conversational Vietnamese

ACTIVITIES

Cyber Security Club, October 2016 – Present
Drexel Toastmasters, October 2016 – Present
IEEE, 2015 – Present
Theme Park Engineering and Design, 2015 – Present
Drexel University Men's Club Tennis, 2015 – Present
GSK Student Ambassador April – September 2017