

Stephen Hullender

Philadelphia, PA | shullender0907@gmail.com | linkedin.com/in/shullender | stephull.github.io | (267) 315-9543

EDUCATION

Temple University, College of Science and Technology, Philadelphia, PA

Bachelor of Science in Computer Science, Minor in Data Science - Concentration in Computational Analytics

GPA 3.24, Dean's List Award Fall 2020

Expected graduation: December 2022

Relevant coursework: Projects in Computer Science, Foundations of Machine Learning, Software Design, Calculus III, Smart Sensing & Devices, Data-Intensive & Cloud Computing, Mobile App. Development, Wireless Networks & Security

SKILLS

Python, JavaScript, Java, HTML, CSS, TypeScript, SQL, Linux, Git, React.js, React Native, Node.js, PostgreSQL, AWS, Android Studio, Eclipse, pandas, NumPy, scikit-learn

EXPERIENCE

Application Consultant | Fox School of Business, Temple University, Philadelphia, PA September 2022 – *Present*

- Revise TypeScript code on React Native application to improve user interface on three transaction types by providing conditional disclosures for vehicle age, odometer reading, and required buyer or seller papers
- Examine notary service API to parse form contents onto PDF format and expedite car registration documentation for several states

Software Engineer Intern | Above & Beyond Studios, Inc., Boston, MA (Remote) August 2022 – *Present*

- Engineer new AWS CloudFront distribution with AWS S3 bucket for media storage as part of contribution to mobilize company resources to an independent host webserver
- Communicate with frontend team to redistribute website markup with React.js and analyze user feedback or newsletter subscriptions via forms connected to Amplitude for promotion of product inventory to incoming users
- Configure REST API architecture using Node.js to ensure data for user accounts and product inventory on e-commerce platform transfer between client-side and server-side applications

Computer Lab Consultant | Temple University, Philadelphia, PA August 2021 – September 2022

- Troubleshooted computers, intermedia equipment, and Windows operating systems among three laboratory settings to reduce response issues and satisfy client requests
- Coordinated the inspection of 60 workspaces to check working hardware, and straightened lab areas between available lab hours and prior to closing to accommodate uninterrupted course instruction

Undergraduate Research Assistant | Temple University, Philadelphia, PA May 2022 – August 2022

- Analyzed network security datasets by comparing classification scores for adversary detection based on 10 assorted machine learning algorithms via Google CoLab (Python) and Weka (Java)
- Assembled stratified k-fold and train-test split validation models using scikit-learn to sort predicted and actual values using 42 dataset attributes to predict from 23 target values, 99% accuracy rates from 80% of algorithms
- Customized visualizations of scores and error percentages for improved visual understanding to researchers, and authored Microsoft Word report for publication purposes

TECHNICAL PROJECTS

YouTube Audio Downloader – Independent Project August 2022

- Designed Python program to download audio from YouTube using open source download manager youtube-dl, including Tkinter GUI for interface and Bash script for system calls
- Allocated queue data structures for multiple download requests and recent file downloads

How Can I Help – Junior Capstone Project April 2022 – May 2022

- Programmed mobile application in Android Studio (Java) with team of four members to request or advertise charitable items or services, including XML for design layouts and testing with emulator software
- Incorporated Google Maps API to provide visual assistance in local postings, customization of map interface provided by marker and information window adapter classes

AFFILIATIONS

STARS Computing Corps, Conference Technology Volunteer

May 2022, September 2022

Temple Dean of Students, Cherry Pantry Volunteer

August 2020 – July 2022