Peter Christensen

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Education

Stony Brook University, Stony Brook, NY | Expected Graduation in 2022

· Major: Honors Computer Science
· Honors College with Presidential Scholarship
· Relevant Coursework: Software Development, Database Systems, Systems Fundamentals, Data Structures, Algorithms, Discrete Math

Technical Skills

Programming Languages:

· Experienced in Java and Python.
· Familiar with C++, C, and JavaScript

Operating Systems and Technologies

· Experienced in Linux and Windows
· Familiar with Git, LaTeX, Lyx, TensorFlow, Keras, Sklearn, HTML, CSS, SQL, Vim

Experience

Junior Software Developer| Aventine Properties LLC | July 2021– Present
· Created python scripts for the parsing of large online pdfs, web scraping, and automatic download and naming of photos from email
· Collaborated with other developers in the ongoing rehaul of a legacy desktop application into a full stack web application

Lead Audio Visual Technician | Stony Brook University | Oct. 2018 – Present
· Set up AV equipment and oversaw the use of said equipment for various events both student and university run
· Coordinated with clients and other facility employees to ensure events ran smoothly
· In charge of equipment inventory and management

Undergraduate Researcher | Stony Brook | Advised by Xiaolin Li | Oct. 2018 – Jan. 2020

· Collaborated with group members to simulate parachute canopy physics using the FronTier++ library
· Assisted in the mentoring of a High School student in FronTier++ library and C++ programming
· Responsible for the introduction of the group into machine learning techniques; researched neural networks, svm's, random forests, deep learning, etc

Projects

Voice Practice App — Current Project
· Currently working in team environment to build upon an existing app prototype for transgender, non-binary, and gender non-conforming people to practice and train their voice to be their desired pitch
· Coordinating with various medical professionals including laryngologists

Master's Student Degree Tracking Website
· Collaborated with team members to develop a full stack web app using MySQL, React, Node, and Sequelize
· Refined my ability to work in a team environment and use collaborative technology such as GitHub