Jon Tow

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OBJECTIVE Obtain a position where I can provide value to a company that offers

challenging experiences and constant learning.

EDUCATION Stony Brook University — Stony Brook, NY

Fall 2018

Bachelor of Science in Computer Science

Minor: Applied Math & Statistics

RELEVANT COURSES Analysis of Algorithms Database Systems Probability Theory
Machine Learning Software Engineering Data Analysis
Computer Vision Data Structures Linear Algebra

PROJECTS

District Generator (Capstone Project) | **Lead Developer**

Fall 2018

Led a team of three developers in project design and development of a United States redistricting application.

- Designed and implemented the graphical user interface and made use of functional programming to handle state management.
- Designed and implemented the site's REST API.
- Built a WebSocket endpoint to handle real-time streaming of redistricting updates which were visualized on change.

Amazon Lite Winter 2018

Built a lightweight clone of Amazon.

- Designed and implemented the graphical user interface.
- Developed back end services to allow easy management of inventory and payment processing.

WORK ARC of Rockland | Recreation Assistant

Summers 2016-18

Performed recreational duties for individuals with developmental and intellectual disabilities. This included providing clients with clear guidelines for hands-on workshops and managing sports activities.

COMPUTER SKILLS

Languages

Python Java SQL(MySQL)

Javascript HTML CSS

Frameworks & Tools

React/Redux Django JavaEE Git Linux LaTeX

LANGUAGES English (Native)

Spanish (Fluent)

CERTIFICATE Machine Learning — Coursera Winter 2019