

Thomas Tuttle

Resume

OBJECTIVE

I am a recent college graduate experienced in Java and Python coding, with a focus on group and project-driven work. I am primarily interested in an entry level position as a backend software developer or quality assurance engineer, and am excited by learning new languages and technologies.

EDUCATION

Bachelor of Arts, Computer Science

2015-2019

Willamette University, Salem, OR

Honors: Graduated Magna Cum Laude, Phi Beta Kappa, 3.934 GPA

Minors: Mathematics, German

WORK AND PROJECT EXPERIENCE

Undergraduate Computer Science Researcher

2018

University of Houston, Summer REU in Data-Centric Computing

Investigated Twitter phishing using past research and Python coding in a research laboratory.
Developed communication and organizational skills by working in a laboratory environment, and learned how to read and present Computer Science research.

Senior Thesis: Playing *Ms. Pac-Man* using Machine Learning

2018-2019

Willamette University, Senior Thesis

Two-semester-long final project required for completion of Computer Science Major program.
Developed a reinforcement learning agent capable of learning *Ms. Pac-Man* with a neural network, using Python, TensorFlow, and OpenAI Gym.

Final Project: Monte Carlo Blackjack Simulation

2018

Willamette University, CS 363 Final Project

Developed a Monte Carlo simulation program using Java to determine the expected success of specific Blackjack playing strategies. Featured a GUI with interactive grid to allow the user to select strategies for specific in-game scenarios.

SKILLS

Languages: Java, Python, HTML/CSS, MATLAB, SageMath, Maple, L^AT_EX

Software: Tableau, TensorFlow, OpenAI Gym, Autodesk Maya

Environments: Windows, NetBeans, PyCharm, Jupyter Notebook, Eclipse

CONTACT INFORMATION AND MORE

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