

Matthew Jones

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Education

Stony Brook University

BS IN COMPUTER SCIENCE

GPA: 3.86

- Analysis of Algorithms
- Artificial Intelligence
- Technical Communications
- Computer Networks
- Data Structures
- Fundamentals of Software Development

Stony Brook, New York

Sep 2017 – Expected June 2021

Skills and Projects

Programming Languages: Java, Javascript, Python, HTML, CSS, MIPS

Frameworks: React

Software: Git, Microsoft Word, Microsoft Excel, Google Suite, LaTeX

Operating Systems: Windows 7, Windows 10, Linux (Ubuntu)

Soft: Customer Service, Organization, Computer Hardware

DNS Resolver

DESIGNED AND IMPLEMENTED A RECURSIVE DNS RESOLVER THAT RUNS IN TERMINAL. TESTS WERE THEN RUN IN ORDER TO COMPARE THE EFFICIENCY AND RELIABILITY OF MY DNS RESOLVER AGAINST OTHER POPULAR RESOLVERS

Python, DNSPython library, Google Sheets

<https://github.com/frendmatt/dns-resolver>

Graph Bandwidth Solver

DESIGNED AND IMPLEMENTED A BACKTRACKING BEST EFFORT SOLUTION TO THE NP HARD GRAPH BANDWIDTH PROBLEM. THE GOAL WAS TO GET AN EFFICIENT PROGRAM THAT WOULD WORK ON LARGE SAMPLE SIZES

Java

<https://github.com/frendmatt/bandwidth-problem>

Awards

2017 - **Dean's List**, Received Dean's List honors for the semesters of Fall 2017, Spring 2018, Fall 2018, and Present Spring 2019

Stony Brook University

2017 - **Presidential Scholarship**, Received Stony Brook's Presidential Scholarship for the semesters of Present Fall 2017, Spring 2018, Fall 2018, and Spring 2019

Stony Brook University

2017 **Computer Science Excellence Award**, Recognized by a board of teachers for having the best computer science coursework of the 2017 graduating class

Rocky Point High School

Experience

Wading River Chiropractic Care

BILLING MANAGER/RECEPTIONIST

- Customer service provider to both insurance companies and clients
- Manage account reconciliation, billing, and collections summing to 1,000+ dollars per week
- Strictly comply with HIPAA regulations and privacy regulations

Wading River, New York

June 2016 – Present

Other

2018 **Ultimate Frisbee Club team member**, Developed teamwork skills in the Ultimate Frisbee Club team for the spring and fall semester of 2018

Stony Brook University

2013 - **Gymnastics Gym Assistant**, Cooperated with staff to move equipment, supervised open gym Present time, and worked with clients to develop gymnastics skills

Spins Gymnastics