Matthew **Jones**

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Education

Stony Brook University   *Stony Brook, New York*
BS in Computer Science   *Sep 2017 – Expected June 2021*
> GPA: 3.86
> - Analysis of Algorithms
> - Artificial Intelligence
> - Technical Communications
> - Computer Networks
> - Data Structures

Skills and Projects

Programming Languages: Java, Python, OCaml, HTML, MIPS
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   *Python, DNSPython library, Google Sheets*

DESIGNED AND IMPLEMENTED A RECURSIVE DNS RESOLVER THAT RUNS IN TERMINAL. TESTS WHERE THEN RUN IN ORDER TO COMPARE THE EFFICIENCY AND RELIABILITY OF MY DNS RESOLVER AGAINST OTHER POPULAR RESOLVERS   *https://github.com/frendmatt/dns-resolver*

Graph Bandwidth Solver   *Java*

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   *https://github.com/frendmatt/bandwidth-problem*

Awards

2017 - Present	**Dean's List**, Received Dean's List honors for the semesters of Fall 2017, Spring 2018, Fall 2018, and Spring 2019	*Stony Brook University*
2017 - Present	**Presidential Scholarship**, Received Stony Brook's Presidential Scholarship for the semesters of 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   *Wading River, New York*
Billing Manager/Receptionist   *June 2016 – Present*
- 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

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