Nathan St. Amour

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Objective

Summer internship possibly leading to full time positions in Computer Science. My interests are in designing correct, efficient software and bioinformatics preferably in a team environment.

Education

Bachelor of Science in Computer Science; Expected graduation: May 2018
Major GPA 3.592/4.00
Cumulative GPA 3.435/4.000

Notable Coursework

Machine Learning, Software Verification, IOT & Wireless Networking, Data Mining, Algorithms

Languages

Python, Coq, Ocaml, C++, C$^{\#}$, Haskell,, SQL, HTML, Java Script and CSS

Tools

Proficient with Linux, Latex, Emacs and Git, Visual Studio.

Affiliations

`ACM` Ohio University chapter of the Association for Computing Machinery

- Previously held treasurer position. This year I have given two presentations during regular ACM meetings on website design using Django and Python.

- Placed 7th, on site, in a competative setting after solving 4 problems with a team at ICPC 2017. ICPC is a collegiate programming contest where a team works to solve challenging programming problems.

Professional Experience

`Undergraduate Research` with Dr. Gordan Stewart
Verification:

1. Verified graphs and graph algorithms.

2. Verified implementation of verilog hmac program.

3. Real Analysis in Coq.

`Internship at Marathon` Findlay, Ohio
Web Development:
Worked on various internal projects throughout my internship with marathon. Projects heavily relied on collaboration. Implemented an Automatic testing framework in Selenium for a major internal application.