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 3.466/4.00
Cumulative GPA 3.28/4.00

Notable Coursework

Software Verification, (IOT/Wireless Networking), Data Mining, Algorithms.

Languages

C++, Python, Coq, C$^{\#}$; understanding of: SQL, HTML, Java Script and CSS

Tools

Proficient with Linux, Latex, Emacs and Git; understanding of Visual Studio.

Affiliations

ACM Ohio University chapter of the Association for Computing Machinery

- Perform essential tasks as treasure. This includes: writing proposals to acquire funding for events, handling budget and reimbursements for day to day expenses and organizing fund raising projects.

- Placed well in a competative setting after solving a problem with a team at ICPC 2015. ICPC is a collegiate programming contest where a team works to solve challenging programming problems.

Professional Experience

Undergraduate Research, with Dr. Gordan Stewart
Verification:
Working to develope a verified implementation of graphs and graph algorithms in the theorem prover Coq. Beginning to collaborate with other students after helping them learn the theorem prover.

Research Assistant, Vis lab Ohio University
Bioinformatics:
Used open source software and custom programs to sequence the genome of a red algal, Balbiana Inventius. This was after working with a team to determine how to sequence the genome. Currently helping to write a paper to be submitted for review in a few months.