

John A. McKeown

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ABOUT ME:

I have a personal devotion to advancing my education both inside and outside of the classroom. If you would like to see some of the projects I have worked on please contact me personally or visit my website (listed above) or github account (github.com/jackeown).

EDUCATION:

Swenson College of Science and Engineering, University of Minnesota, Duluth

Bachelor of Science in Computer Science

Expected May 2018

Bachelor of Science in Mathematics

Expected May 2018

Cumulative GPA: 3.88

Major GPA: 3.94

Relevant Coursework:

Computer Science: Machine Learning, Computer Security, Computer Networks, Operating Systems, Artificial Intelligence, Software Engineering, CS Theory, Computer Organization and Architecture, Software Analysis and Design, Computer Science I & II

Mathematics: Elementary Real Analysis, Applied Algebra and Cryptology, Abstract Algebra I & II, Graph Theory, Advanced Linear Algebra, Physics I & II, Discrete Math, Introduction to Probability and Statistics, Differential Equations, Multivariable Calculus

TECHNICAL SKILLS:

- Writing technical documents with **LaTeX** document preparation system
- Familiarity with **Linux** and common server administration tasks. (I run Ubuntu and have been maintaining my web server for 6 years)
- Familiarity with **numpy**, **TensorFlow**, and **scikit-learn** for machine learning/statistical analysis
- Implementation skills in **C**, **C++**, **Java**, **Javascript**, **Python**
- Web design using **Javascript**, **HTML**, **CSS**, **PHP**, and **MySQL**
- **Wolfram Mathematica** and **Sage** for scientific computing

RELEVANT WORK EXPERIENCE:

Software Engineer internship, ImageTrend Inc, Lakeville MN, Summer 2015

- Worked as an integral member of a team of four software engineers to maintain their Patient Registry software.

HONORS AND LEADERSHIP:

Saturn Systems scholarship recipient 2015

Alworth Scholarship recipient 2015-2018

A.P. Scholar with Distinction

Bemidji High School National Honor Society Secretary

Bemidji High School Band Treasurer

INVOLVEMENT:

College: Computer Science (ACM) Club, InterVarsity Christian Fellowship

High School: Math League, National Honor Society, 7 extra-curricular musical ensembles