

DEVIN DYER

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EDUCATION

MAY 2019

B.S. IN COMPUTER SCIENCE, JAMES MADISON UNIVERSITY

MAJOR: COMPUTER SCIENCE

- Graduated with a 3.5 and was named a Distinguished Graduate in Computer Science for outstanding academic performance.
- Studied and developed multimedia software as well as software utilizing advanced architectural styles, design patterns and database management systems.
- Analyzed and implemented advanced algorithms and approximations to efficiently solve computationally expensive problems.
- Undertook a semester long research project on the effect of modern parallel programming technologies on the accuracy of floating-point operations.

MINOR: MATHEMATICS

- Studied linear algebra and implemented numerical algorithms to problems relevant in areas including mathematics, economics and finance.

EXPERIENCE

JAMES MADISON UNIVERSITY

- Worked for the Department of Computer Science as a Teaching Assistant, working with professors and aiding students in achieving their educational objectives.
- Worked within agile and heavyweight development processes creating applications from information retrieval systems to database interfacing web applications.

VIRGINIA WESLEYAN COLLEGE, **NCAA DIVISION III MEN'S SOCCER TEAM**

- Balanced a full academic workload with practices, games and team meetings and developed communication and leadership skills to meet personal and team goals

SKILLS

- Proficient in Java and C programming languages.
- 3 years of development experience utilizing Eclipse IDE
- Experience with Python, SQL, HTML, CSS, PHP, JavaScript and JQuery.
- Experience with version control systems including Git and Subversion.
- Experience with parallel programming technologies including OpenMP, MPI and pthreads.