

Joseph McGovern

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Objective

Looking to obtain a position as a Computer/Software Engineer to design and build robust applications and to support a collaborative atmosphere through great communication and teamwork.

Education

Iowa State University – B.S Computer Engineering

Cumulative GPA: 3.41/4.00

Expected Graduation: May 6, 2017

Technical Skills

- Experienced in designing and developing web applications and large software systems
- API design experience
- Proficient in Python, Java, JavaScript
- Experienced with building applications in and interacting with Unix/Linux environments

Work Experience

Workiva - *Software Engineer in Release Management Intern* (November 2013 – Present)

- Develop tools that automate, improve the reliability of, and reduce time of release process
- Communicate with stakeholders to enhance tools (requirements engineering)
- Design architecture of large application

Mississippi Valley Surgery Center - *IT Intern* (January 2013 - May 2013)

- Provided quality support to users by setting up their computers and quickly fixing issues

Chik Fil A - *Training Leader* (November 2012 - Jun 2013)

- Trained co-workers and new employees on policy and how to better serve customers

Activities

Chi Alpha Student Ministries – *Vision Team Member* (October 2013 – Present)

- Cast vision resulting in students developing healthy relationships and being a part of the community
- Lead and teach group of men to understand their faith and have it take form in their lives

Missions trip to Tobago (March 15-23, 2014)

Iowa Lions Rugby (May 2013 – Present)

Honors and Awards

- National Society of Collegiate Scholars Honor Society (January 2014 – Present)
- Academic Recognition Award from Iowa State University (August 2013 – Present)
- Valedictorian of high school graduating class among 237 students (May 2013)

Projects

- Planned and executed redesign of large procedurally-designed application to an object-oriented design
- Contributed to tool that automates release process, saving approximately 250 manual hours per month
- Created language agnostic tool that detects a project's new dependencies from code changes
- Constructed program that builds a graph of related Wikipedia pages
- Built program that determines similarity between two bodies of text
- Created application that tracks attendance via face recognition