

Jacob Michael Johnson



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Objective

To obtain a full-time software developer position beginning in January of 2018

Education

Iowa State University, College of Engineering

Anticipated Graduation Fall 2017
3.75 / 4.00 GPA, with Full Honors

B.S. Computer Engineering
Minor Business Economics
Minor Music Technology

Professional Experience

Workiva - Software R&D Engineering Intern

Ames, Iowa May 2016 - August 2016

- Aided in the development of a web application using the Flux architecture and React view components
- Became proficient with Google's Dart language for the most effective compiled Javascript development
- Worked closely with systems like Docker, Homebrew, and AWS for modern cloud-based performance
- Was exposed to enterprise level software development standards, practices, and system implementations

MODUS - Production Software Engineering Intern

Des Moines, Iowa May 2015 - August 2015

- Developed a design automation plug-in for AutoDesk's Revit architectural application using C# and .NET
- Designed a multi-user project reflection form application for team and individual employee evaluations
- Developed a project information database with support for various complex search algorithms
- Aided in the design of electrical and low-voltage systems on several commercial projects

The Merrill Company - General Office Intern

Spencer, Iowa May 2014 - August 2014

- Implemented and managed a Nagios Core virtual server installation for network performance monitoring
- Helped develop custom Google AppScript applications for customer data synthesis and analysis

Leadership Experience

Production Coordinator - The Salt Company

Ames, Iowa May 2016 - Present

- Responsible for the management of complex audio synthesis and amplification systems and software
- Responsible for coordinating audio and visual teams for weekly professional productions

Honors Ambassador - Iowa State University

Ames, Iowa August 2015 - Present

- Organize University Honors Program events and assist staff with student training and recruitment
- Act as a liaison between program members and university staff and honors alumni

Special Skills

- Proficient in several modern languages including Dart, Javascript, HTML5, CSS, Swift, Java, C#, and C
- Experience with a number of development frameworks such as Flux, React, AngularJS, Hadoop, and Unity3D
- Experience with Agile/SCRUM development models as well as Android, iOS, and web development