

# John Doe

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## EDUCATION

### WARTBURG COLLEGE

BA COMPUTER SCIENCE

May 2016

Waverly, IA

GPA: 3.30

## COURSEWORK

### UNDERGRADUATE

- Linear Algebra
- Systems Analysis
- Operating Systems
- Computer Architecture
- Object Oriented Programming
- Data Structures and Algorithm Analysis
- Organization of Programming Languages
- Discrete Structures for CS
- Internet Programming
- Graphic Design
- Online Marketing

## SKILLS

### PROGRAMMING

Python • C++ • C • Java

Javascript • AngularJS

HTML • CSS • SQL

### OTHER:

Bash Scripting • Automation

Linux • Windows • OSX

Object Oriented Design

Microsoft Office

## ACTIVITIES

### 2012-2016

- Wartburg College Concert Band Saxophonist
- Private lessons for Alto Saxophone

## EXPERIENCE

### INTEL | DCG UNDERGRAD SOFTWARE ENGINEERING INTERN

JUNE 2015 – SEPTEMBER 2015 | FOLSOM, CA

- Researched and provided a working Python solution for remote, seamless automation, of our engineering team's oscilloscope, external power supply, and other engineering tools.
- Created a thorough guide to programmatically controlling various engineering tools, through fast and convenient connections such as USB or Ethernet, which has enabled co-workers to quickly and easily automate their work.
- Integrated the Python solution into our team's existing C++ test suite, thereby introducing an effortless process to remote automation.

MAY 2014 – DECEMBER 2014 | FOLSOM, CA

- I conducted functional and environmental tests on Dynamic Random-Access Memory (DRAM) chips, in Platform Memory Operations.
- Automated validation processes by developing Python scripts to offload the work of failure characterization, reducing task time from 3 hours to 0 hours, per chip.
- Developed test flow code that helps to test and debug DRAM chips, using C++

### FIELD SQUARED | WEB APP DEVELOPMENT INTERN

JANUARY 2015 – APRIL 2015 | DENVER, CO

- Worked on the Web App Team diagnosing and fixing bugs, along with implementing requested front-end features for the application.
- Contributed over 100 HTML, CSS and JavaScript/AngularJS changes to the repository, which resulted in a better user experience for the customer.
- Personal bug fixes and additions contributed to the Web Application reached production code, which ultimately benefited the customers and Field Squared.

### ROCKWELL COLLINS | UNDERGRADUATE TECHNICAL INTERN

SEPTEMBER 2011 – FEBRUARY 2014 | CEDAR RAPIDS, IA

- Obtained a United States Government security clearance in order to automate the retrieval and test analysis of proprietary XML data.
- I helped to automate and streamline the lengthy process of configuring the development environment for my team, resulting in a one-click setup that reduced on-boarding time.
- Wrote a front-end command line program in Java for the UCC(Unified Code Count) tool, that helped drastically reduce user interaction time among team members.
- Wrote python scripts that simulated communication between a Rockwell Collins product and an Airport's ground control which helped release the product within its intended schedule.

## AWARDS

2016	Scholarship	Stahlberg Family Math and Sci. Scholarship Recipient
2012-2016	Scholarship	Presidential Scholarship Recipient
2012-2016	Scholarship	Meistersinger Scholarship Recipient
2012-2016	Scholarship	Cedar Valley Science Symposium Recipient