

Michael Sila

713 Sandcastle Drive Apt #205E-C • Ames, Iowa, 50010 • silam@iastate.edu • 1-203-644-6026

Objective: To use the skills I have acquired during my tenure at both Iowa State and various internships to obtain **gainful employment** in meaningful career field upon my graduation in **spring of 2016**.

Education:

Iowa State University (Ames, IA)

May 2017

Computer Science (B.S.)

History Minor

Cumulative GPA: 3.42

Prior Experience:

Lafayette College (Easton, PA)

(Transferred) May 2014

Work Experience:

Software Development Intern

May-August 2016

Clearwater Analytics

Boise, ID

- **Java Development** – Worked with intern team on a number of projects
- **RESTful Web Services** – Implemented RESTful applications for backend interaction
- **JavaScript** – Worked to implement widgets for “Apollo” project via jQuery.
- **Optimization** – Worked to ensure web applications were of sufficient speed
- **From-Scratch Development** – Planned and Deployed web service and frontend with all intern team
- **Legacy Code** – Integrated new functionality into existing frameworks
- **Database Interaction** – Polled from and updated to a T-SQL database in projects
- **Agile Development** – Intern team used Agile-style development
- **Version Control** – Used SVN to manage projects

Software Development Intern

May-August 2015

Compressor Controls Corporation (Roper Industries)

Urbandale, IA

- **C# Development** – Worked with the R&D department and internal “MakerPro” application to automate project build process
- **GUI Testing** – Wrote build script (C#) to test basic GUI functionality upon successful compilation
- **Agile SCRUM Development** – Participated in scrum meetings and sprint planning
- **VBA Application Development** – Worked with Logistics department to automate creation of shipping forms
- **XML Parser** – Worked with another intern to develop a program to parse controller alarm codes in Python

Laser Tag Specialist

May-August 2014

Lost Galaxy Mini-Golf and Laser Tag

Ocean City, MD

Student Organization Involvement:

ISU History Club

September 2014 – Present

Officer

ISU PrISUm (Solar Car)

January 2015 – Present

Applicable Skills:

- **Languages (In Order of Proficiency):** Java ,C++,C#, SQL, Python, XQuery,Neo4j,Ruby
- **Operating Systems:** Linux Desktop (Red Hat & Debian based), Linux Server, Microsoft Windows (NT kernel)
- **Software Development:** Agile Development, Version Control, Qt, VBA, XML, HTML, Version Control (Git and SVN), Testing, Limited Hardware Knowledge, LaTeX, Package Management, Dependency Resolution (maven).
- **Miscellaneous:** Microsoft Office, Teamwork, Interdepartmental Collaboration, Adaptability.