

Aimee Pierce

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Education

Iowa State University, Ames, Iowa

Graduation: December 2017

Bachelor of Science in Chemical Engineering

Minors in Computer Science and Spanish

GPA: 3.67

University of Valencia, Valencia, Spain

Summer 2014

Studied Spanish language, history, politics and culture

Experience and Leadership

Telligen - **Software Engineering Intern**

Summer 2017

Developed Java Spring application for managing Medicaid/Medicare claims

Front-end application development with Javascript/JQuery

GForge Group - **Software Engineering Intern**

Summer 2016

Implemented intro.js tour feature using Javascript and AngularJS

Developed Grafana Dashboarding tool for data analytics with SQL and Docker

HackISU and Digital Women – **Hackathon Organizing**

Summer – Spring 2017

Acquired sponsorship totaling \$50,000

Coordinated operations, mentorship, and workshops

LyondellBasell – **Chemical Engineering Co-Op**

Fall 2015

Led engineering turnaround projects within the Olefins Technical Unit

Executed project planning of equipment removal and installation

Center for Biorenewable Chemicals - **Undergraduate Researcher**

Spring 2015

Researched bio-based resources to derive green sources for commodity chemicals

Used high pressure/temperature reactors to run detailed reactions

Hashemi Labs - **Organ-on-a-chip Undergraduate Research**

Spring 2014

Designed and prototyped microfluidic device replicating the placenta

Awards and Activities

Skills

- George Washington Carver Scholarship
- Grace Hopper Conference Scholar 2017
- Building a World of a Difference Renewable Energy Scholarship in Engineering
- Women in Science and Engineering Student Role Model
- Iowa State Honors Program Member
- ISU Climbing and Mountaineering Club

- Spanish – 9 years experience, proficient conversational, reading, and writing skills
- Java
- PHP
- Javascript
- AngularJS
- Matlab
- MySQL
- Git