

# Christopher McCoy

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## EXPERIENCE

### **Software Engineer**, Siena College – Computer Science Department

SEPTEMBER 2016 - MAY 2017

- Using Agile Software Development, worked with a team of four others to develop a chatbot designed to assist students taking Siena's CSIS 010 and CSIS 011 courses.

-Developed a database back-end and a web front-end so the user could ask questions pertaining to Microsoft Excel. The user would receive an answer from the chatbot containing relevant information including videos, images, and textbook references.

-Tools used during the nine month period were Javascript, SQL, PHP, HTML5 and CSS.

### **Student Researcher**, Siena College – Artificial Intelligence Department

MAY 2016 - AUGUST 2016

-Participated in the National Science Foundation (NSF) funded Research Experience for Undergraduates (REU) program on Artificial Intelligence and Text Analysis.

-Worked with a team of four members and explored the steps in developing a system to use machine learning to detect cyberbullying.

-Tools used during the ten week summer program included Weka, Lucene, Java and Python programming.

### **IT Consultant**, Siena College – Loudonville, NY

SEPTEMBER 2013 - PRESENT

-Part of a team responsible for password resets, basic LAN services and hardware maintenance for over 3,000 students and 300 faculty members.

-Submit and manage help desk tickets using a proprietary issue tracking system know as JIRA.

-Provide regular on-site support multiple times per week in both the school library and the science building, as well as remote assistance.

## EDUCATION

### **Siena College**, Loudonville, NY

*B.S. in Computer Science*

SEPTEMBER 2013 - DECEMBER 2017

### **Webutuck High School**, Amenia, NY

SEPTEMBER 2009 - JUNE 2013

## TECHNICAL SKILLS

Fluent in Java, Javascript, Python, HTML5, PHP and CSS.

Experienced with database administration through Oracle and SQL syntax.

Concrete understanding of Windows Vista/7/8/10.

Intermediate understanding of Ubuntu and Mac systems.

## AWARDS

Dean's List

Hudson Valley Tech Scholar

Presidential Scholarship

National Honor Society

Webutuck Merchant Scholarship