

Jeffrey Yokup

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Education

Iowa State University, Ames IA

May 2016 - May 2019

- Bachelor of Liberal Arts & Sciences
- Major: Computer Science
- CS GPA: 3.4/4.0

Work Experience

Cerner Corporation (Kansas City, KS)

Software Engineer Intern

Summer 2018

Main Summer Project - Testing Automation Framework (C#)

Program that automated file comparisons in addition to carrying out unit tests. Framework resulted in saving time and improving accuracy of file comparisons.

Program Specs

- Creates specified connections to databases and online services
- Obtains credentials for connections by making REST calls to online vault
- Files are downloaded through connections and unit tests are run on them
- Results of unit tests are uploaded to Azure Data Lake and connections are closed

Other Responsibilities

- Worked with Microsoft Azure Data Lake Store and Azure Data Factory
- Wrote U-SQL/PowerShell scripts for data processing
- Used Jenkins for continuous testing and integration framework
- Practiced Scrum and Agile in 4 week sprints with 10 other developers

Iowa State University (Ames, IA)

Teaching Assistant - Intro to Object-Oriented Programming

January 2017 - May 2019

- Grade student exams and programming assignments
- Moderate students in a coding lab
- Clarify coding concepts to students to help them succeed in lab
- Troubleshoot IDE technical issues and programming errors
- Consistently receive positive feedback from students

Technical Skills

- Proficient in Java, C, C#, C++
- Comfortable with Javascript, React, Enzyme, Powershell, SQL, U-SQL
- Git, Jenkins, Microsoft Teams, Microsoft Office Suite, Outlook, Microsoft Azure, Windows, Linux
- Advanced Skills: Concurrent Programming

Activities/Accomplishments

- **OpenSrcStem** - Worked with group of four to develop an educational web application using MEAN stack web development. **Fall 2017**
- **Iowa State Juggling and Unicycling Club** - Club President **Fall 2017 - May 2019**