

Brian Liebe

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Education

Binghamton University, State University of New York

Sept. 2015 – Dec. 2018

- Bachelor of Science, Computer Science
- Overall GPA: **3.8 / 4.0 – Magna Cum Laude**

Technical Skills

Proficient languages: Python, C#, Java, TCL, C++, C, and JavaScript

Additional: OpenCV, HTML/CSS/Flask, Git/Perforce, Office Suite (& VSTO), MySQL/AWS, financial industry knowledge

Employment

Fidessa (ION Group)

Jersey City, NJ

Junior Delivery Engineer

Jan. 2019 – Present

- Design complex client-specified customizations to the front and back-end of the Fidessa trading platform, typically in TCL, Java, or EE (proprietary), working with a large central code-base
- Develop numerous personal projects aimed towards making internal tasks simpler and more efficient, which involved designing websites, writing Outlook plugins, and creating C# WinForms applications
- Gain extensive financial industry knowledge from working with various financial institutions and back-offices, as well as working closely with Fidessa's core trading platform

Universal Instruments Corporation

Conklin, NY

Software Engineering Intern

June 2017 – Aug. 2017

- Shifted company towards Git by creating Jira plugins to move away from ClearQuest, creating a more efficient system
- Worked across departments on C#-based projects to improve internal logging/debugging

Binghamton University Computer Science & Physics Departments

Binghamton, NY

Teaching/Course Assistant

Aug. 2017 – Dec. 2018

- Helped teach several classes, including physics, writing, and computer science to other Binghamton students
- Graded lengthy technical papers, essays, tests, quizzes, and code, depending on the class
- Led large discussions and labs for students to ask questions and learn topics more in-depth

Brockport Central School District

Brockport, NY

Technical Assistant

June 2014 – Aug. 2016

- Troubleshooted various technical problems on different devices, including PCs, tablets, etc.
- Setup and maintained devices across 6 buildings, including 3500+ students and 700+ staff

Projects

Call of Duty VOD Processing Website (www.brianliebe.com/blackbird)

New York, NY

Python / Flask / OpenCV / Tesseract / MySQL

Oct. 2019 – Present

- Built a Flask website for uploading professional Call of Duty matches which are analyzed with OpenCV and Tesseract to dynamically read the killfeed, track player locations, and determine the score throughout the duration of a match
- Generated CSV files that are used by professional coaches and analysts to help generate new strategies for matches
- Integrated MySQL to store information about teams, players, and matches to be read from Tableau

Fidessa Outlook Plugins

Jersey City, NJ

C# / Outlook VSTO / WinForms

Jan. 2019 – Present

- Developed a C# application that streamlines the client upgrade process, simplifying and organizing a multi-step process into one simple application, speeding up upgrades for clients
- Designed a plugin for Outlook VSTO which automatically fetches client information from remote servers, condenses data into readable tables, and integrates PuTTY/Plink to quickly access servers
- Wrote a plugin for Outlook which dynamically organizes emails by client, which are easily tweaked by configuration files

Fidessa Diagnostic Pages

Jersey City, NJ

TCL / CSS / HTML / JavaScript

Jan. 2020 – Present

- Designed several webpages for quickly accessing client diagnostic information
- Created websites with HTML/CSS/JavaScript with the backend driven by TCL and Perforce