

# 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**

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## 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

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## 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

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## Projects

**KSE Esports Management LLC**

**New York, NY**

*Python / Flask / OpenCV / Tesseract / MySQL*

*Oct. 2020 – 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 data that is used by professional coaches and analysts to help generate new strategies for matches
- Integrated MySQL to store information about teams, players, and matches for data processing

**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