

# 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:** C#, Java, TCL, Python, C++, C, and some CUDA, VB, PHP, & JavaScript

**Software/OS:** Git, Perforce, Office Suite (& VSTO), Visual Studio, NetBeans, Linux, Windows, & more

**Additional technical:** HTML/CSS/JS experience, 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

**Fidessa (ION Group)**

**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, dramatically speeding up upgrades
- 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 (ION Group)**

**Jersey City, NJ**

*TCL / CSS / HTML / JavaScript*

*Jan. 2020 – Present*

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

**Personal**

**New York, NY**

*C# / WinForms*

*Oct. 2019 - Present*

- Developed tools to track statistics for professional Call of Duty games which aided professional team analysts
- Produced an interactive map to plot Call of Duty kill/death coordinates used to create detailed heatmaps