

# Ryan Hennessey | Software Developer

Portland, Oregon

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## Work Experience

- **Jet Global Data Technologies, Inc.** **Portland**  
*Software Developer* *July 2018–August 2019*
  - Designed and developed a .NET C# desktop app using Scrum methodologies
  - Developed new features and improvements using MVVM and OOD patterns, including functionality and UI updates
  - Took part in peer code reviews, group design discussions and backlog refinement
  - Maintained code repo using Azure DevOps' Git source control
  - Notable contributions include developing an export to word feature, implementing feature toggling, updating the app's database browser, adding new analytics events, updating the app's pivot table window, and updating product executables to use new branding images and icons
- **Micro Systems Engineering, Inc.** **Lake Oswego**  
*Software Developer Intern* *May 2017–November 2017*
  - Maintained a C++ library that handles parameter mapping used by MSEI's neurostimulator software
  - Developed the library's support for the Android (Xamarin) platform, while continuing support for previous platforms
  - Designed portability functions, including the use of strategy design patterns while resolving marshalling issues
  - Debugged library and test fixtures through analyzation of C++ and C# code
- **Fiserv, Inc.** **Hillsboro**  
*Software Developer Intern* *June 2016–December 2016*
  - Replaced and productized an in-house module generator tool with a Node.js Yeoman web app generator tool
  - Created a command-line tool that migrated the company's backlog from TFS to VersionOne using VersionOne's API
  - Developed a Node.js web app hosted by AWS and Heroku that allows employees to upload photos to a company-wide slide show

## Education

- Academic Qualifications.....
- **University of Portland** **Portland**  
*Bachelor of Science, Computer Science* *2013–2018*

- Notable Projects.....
- **Senior Design: 'Energy efficiency app'**
    - Team Lead of a senior design team that collaborated on a web app
    - Managed the team with a Scrum framework while targeting each team member's interests, helping them stay engaged and ready to contribute as much as they can
    - Constructed the app's core architecture using JavaScript, Node.js, PostgreSQL, GitHub, and Heroku
    - Implemented Facebook user authentication using Passport.js
  - **Software Engineering Project: 'Development of a data visualizer'**
    - Team Lead for a web app project that plotted live tweets according to keyword on a world map
    - Used third-party APIs, such as Twitter, Google Maps, and Modest Maps to retrieve/display data. Deployed the PHP server on Heroku
    - Filmed and edited promotional video for the product using Sony Vegas

## Technical and Personal skills

- **Programming:** Proficient in: C#, XAML, WPF, Object-oriented design  
Also familiar with: SQL, C++, Node.js, JavaScript, React
- **Industry Skills:** Visual Studio, Team Foundation Server, Azure DevOps, GitHub, Scrum and Kanban methodologies
- **General Business Skills:** Self-sufficient, Great communication skills, Works well in a team, Team builder

## Personal Projects (On GitHub)

- **Articles** - Writing articles that are aimed at helping new developers learn web development
- **Twitter Bots** - Creating Twitter bots to build upon self-taught JavaScript, Node.js, and web development knowledge