

Wyatt Weisensel

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Projects for Continuous Learning

- **September 2019 – Present:** Designed and implemented a real-time “Word Complete” online multiplayer game. Includes authentication and authorization. Created RESTful API with **Node.js** and **Express.js**. Uses **MongoDB** to store user information. Uses **Socket.IO** for real-time communication. Frontend is created with **React**, **React Router**, **Redux**, and **Bootstrap**. Created integration tests with **Mocha**. Hosted on **AWS Lightsail** with **NGINX** and **PM2**. wordcompleteonline.com

Work Experience

Interac, Fukuoka, Fukuoka Prefecture, Japan

Mar. 2019-Mar. 2020

Assistant-Language Teacher

- Planned and taught English lessons for elementary and junior-high school

Freelance Work, Sun Prairie, WI

Feb. 2019-May 2019

- Worked with client to create a "buy and sell" website. Gathered feedback through multiple iterations to fulfill client needs. Created backend with **Node.js** and **Express.js**. Created webpages with **EJS HTML** templates and **Bootstrap**. Used **Passport.js** for authentication.

goVirtualOffice, Waunakee, WI

Jan. 2017-Feb. 2019

Software Engineer

- Used NetSuite SuiteScript (**JavaScript**) to enhance client's lead-to-cash business processes. Primarily scripted against Opportunity, Sales Order, and Invoice records.
- Used AdvancedPDFs and Suitelets to create a 1099 Tax Reporting SuiteApp for NetSuite. Worked as the lead developer and was responsible for the full product lifecycle.
- Worked on a team of 4 to gather requirements, design, implement, test, and deploy system to aggregate data and generate high volumes of invoices on a scheduled basis.
- Built an **npm** package to streamline development by automatically syncing VS Code environment with client's NetSuite environment. Tech utilized: SuiteTalk API (**C#**), **Node.js**, and **Gulp.js**.
- Used RESTlets to integrate data between NetSuite and Workday. Used Map/Reduce scripts to process data and generate invoices.
- Used **Electron** to develop payroll desktop application that calculated and added employee overtime rate data to a given Microsoft excel file.
- Designed and developed JavaScript application to automate cascade deletes of various record types in NetSuite.

Cartegraph, Dubuque, IA

May 2016-Aug. 2016

Software Engineering Intern

- Participated in agile sprint ceremonies as a part of a team of 7 developers.
- Used the **Angular 2+** Framework with **Ionic 2** to develop and test a mobile work-order-management application for city construction workers.
- Developed feature to allow users to swipe through tasks.
- Worked with QA to test compatibility across platforms.

TenEx, Platteville, WI

Feb. 2015-Jan. 2016

Software Developer

- Part of a team of 6 developers and analysts to design and develop a web application used for gathering real-time feedback from students in the classroom during presentations and lectures.
- Used **PHP** and **MySQL** to design and develop login and account management system for website. Responsible for full software life-cycle.
- Integrated **Stripe** API and webhooks to handle credit card payments and subscriptions.
- Observed product being used in the classroom and gathered feedback from professor and students. Integrated feedback into product's future releases.

Education

- Bachelor of Science, Computer Science, Computer Technology Emphasis, Business Administration Minor
- University of Wisconsin – Platteville, September 2012 – December 2016

Technologies

| Professional Experience | | Self-Taught | From School |
|-------------------------|------------------------|--|-------------|
| JavaScript | Git, GitHub | Bootstrap | Java |
| EJS Templates | SQL | Socket.IO | C++ |
| Node.js | C# | MongoDB, Mongoose | VB.NET |
| Electron | RESTful APIs | React, Redux, React Router | ASP.NET |
| Stripe API | Angular 2 with Ionic 2 | SendGrid | |
| Gulp.js | Passport.js | AWS (Lightsail, EC2, Route 53, S3, CloudFront) | |
| PHP | | | |