

Jimmy Chang

C# Software Developer

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I am a C# Software Developer with a background in Civil and Environmental Engineering who is passionate about working in an agile environment to develop applications that can bring people together.

Technical Skills (From most familiar)

Languages: C#, ASP.Net, JavaScript, HTML5, SQL, CSS

Tools: Visual Studio, XUnit Testing, Microsoft Azure (Azure), Microsoft Identity, Microsoft EntityFramework Core, VS Code, GitHub, Azure DevOps, Git, Microsoft SQL Server, React.js, Node.js, Auth.Net

Experience

Code Fellows | Teaching Assistant | Seattle, WA | January 2019 – Present

- Provide students with one-on-one assistance in debugging, problem solving, and time management
- Collaborate with team members to implement stacked module learning and agile methodologies

Washington State Parks and Recreation Commission | Park Aide | Kenmore, WA | June 2017 – October 2017

- Maintained park trails to keep it accessible for visitors

University of Illinois at Urbana-Champaign | Research Assistant for Landon Marston | Urbana, IL | June 2014 – August 2014

- Tracked the flow of virtual water from unsustainable aquifers around the United States and abroad using functions within Microsoft Excel
- Data used in research paper found here: <http://www.pnas.org/content/112/28/8561.full>

Projects

NoSchoolViolence | November 2018 – Present

Offer solutions to school violence so that students can be free from fear, threats, or violence

- Designed the functionality of a demo application
- Technologies used: React.js, JavaScript, JSX, CSS

Seattle Youth Ministries (Seattle GiveCamp Hackathon) | October 2018

Fixed issues with the existing code base for the management tools used by the non-profit

- Fixed search functionality, Edited persistence of status through multiple locations
- Technologies used: C#, SQL, ASP.Net Web Forms, Visual Studio, MySQL Workbench

TimeBoxed | July 2018 – October 2018 | <https://github.com/TimeBoxed>

Our purpose is to enable individuals to effectively manage their personal and professional time.

- Created the delete function, Fixed bugs, Pair programming
- Technologies used: React.js, Node.js, JavaScript, Postman

Wordify | August 2018 | <https://github.com/jimmychang94/Wordify>

A web application which translates text in images to machine readable text.

- Implemented authentication, Created the admin page and profile page
- Technologies used: C#, SQL, HTML5, CSS, Visual Studio, Azure, Visual Studio Team Services, Microsoft SQL Server

JJ Commerce | July 2018 | <https://github.com/jimmychang94/JJCommerce>

An example of an E-commerce site utilizing baskets, orders, OAuth, and payment authorization.

- Implemented Authentication, Basket checkout, Payment authorization, Email sending
- Technologies used: C#, SQL, HTML5, CSS, Visual Studio, Azure, Azure DevOps, Google OAuth, SendGrid, Authorize.net, Microsoft SQL Server

Education

Code Fellows | Seattle, WA

Certificate - Advanced Software Development in ASP.NET Core | August 2018

University of Illinois at Urbana-Champaign | Urbana, IL

Bachelor of Science in Civil Engineering | 2016