

# Alton Lee

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## Skills

- **Programming Languages:** C#, C/C++, T-SQL, JavaScript, HTML/CSS, Python
- **Operating Systems:** Windows, Linux (Ubuntu)
- **Web Frameworks:** .NET, Git, Unix, React, Meteor.JS, Node.JS, Bootstrap
- **Software:** Blender, GIMP, Source Engine, Unreal Engine
- **Other:** Agile methodology, consulting, team collaboration & communication

## Professional Experience

### Software Engineer, Implementation Consultant – FAST Enterprises

*July 2020 – December 2023*

- Developed PUA and PEUC benefit programs for Washington’s Employment Security Department (ESD), using VB.NET and T-SQL.
- Key developer for ESD’s Overpayment Project, which focused on waiving \$11.8 million in overpayments during the pandemic.
- Implemented a new UI tax system for Massachusetts’ Employment Modernization and Transformation (EMT) Phase 1 project, using C# and T-SQL, increasing accessibility features and enhancing customer experience.
- Applied agile consulting methodology to UI subject matter experts to retrieve business requirements related to unemployment tax and benefit laws.
- Performed weekly version releases for server requests and site component updates.
- Improved business operations and system function performance by 27% by optimizing queries, nightly processes, and proprietary libraries.

### Assistant Web Editor – John A. Burns School of Medicine (JABSOM)

*November 2019 – May 2020*

- Fulfilled website creation and edit requests for 10+ JABSOM departments using HTML/CSS, JavaScript and vanilla PHP.
- Modernized existing websites to comply with ADA guidelines, increasing accessibility features and enhancing mobile user experience.
- Managed web pages and media within the JABSOM multisite via WordPress CMS.

## Projects & Activities

### Lead App Developer – Manoa Fix-It!

*January 2020 – May 2020*

- Developed an app using the Android SDK and MongoDB for UH Manoa students to report facility-related issues via mobile.
- Designed navigation flow, issue cards, and menus.

### Project Lead – Oahu Waste Organizer (O.W.O.)

*October 2018 – December 2018*

- Led a team of 7 developers to create a responsive web application simplifying data collection and visualization for use in trash audits across all 10 UH campuses.
- Developed using React.js, MongoDB, and Semantic UI libraries.

### Game Mod Developer

*2018 - 2022*

- Created animations, game object replacements, and texture reworks for PC video games with 120,000 current subscriptions across 20+ mods.

## Education

University of Hawai’i at Mānoa, Honolulu, HI

*Bachelor of Science in Computer Science*