TIM GILES

SOFTWARE ENGINEER | TGILES.DEV

OBJECTIVE

Create products that users want and enjoy using.

Make applications more **accessible** by designing and implementing **modern software**.

SKILLS

Modern front-end development: **JavaScript**, **HTML5**, TypeScript, Redux, **CSS**, **SCSS**.

Automating tedious processes for both business and technical users.

Solving the difficult problems that other developers stray from.

Full-stack development: **Node**, C#/C++, Java, **Git**.

Object-oriented, functional, and reactive programming.

Collaborator, presenter, servant-leader.

EXPERIENCE

SENIOR FRONT-END ENGINEER — **MOZILLA** — **JULY 2020 - PRESENT**

Responsible for multiple projects that each spanned multiple months. Fixed bugs for Password Manager, Preferences, Remote Settings, and Sync. Mentored internal and volunteer developers contributing to the password manager. Worked across departments and organizations to create positive effective change for users and Mozilla. Used **JavaScript, HTML5, CSS, APIs,** and **Mercurial**.

FULL STACK ENGINEER — **COSAIC** — **APRIL 2019 - APRIL 2020**

Integrated 3rd party components using Finsemble and 3rd party **APIs and products**. Rapidly **prototyped** and **productized** numerous components for the Finsemble Ecosystem. Developed the Finsemble and Bloomberg integration. Used Node, **ES9+**, TypeScript, CSS, C#, **Webpack**, Gulp.

FULL STACK DEVELOPER — **SILVERCHAIR** — **JULY 2018 - APRIL 2019**

Moved from Associate developer to the only **Full Stack** developer in the company within two months. Subject matter expert on **Web Accessibility** for multiple teams. Used **JavaScript**, **HTML 5**, Razor, C#, **SCSS**, MVC, and other technologies.

PERSONAL PROJECTS

auto-lighthouse: A command line interface for crawling one or more domains and generating accessibility and performance audits for both desktop and mobile. Uses **Node**, Commander.js, and Google Lighthouse.

HTML-To-PDF-CI: A command line interface/continuous integration tool for converting HTML documents to PDFs. Uses **Node**, Puppeteer, Express, and Inquirer.

EDUCATION

M.S. COMPUTER SCIENCE — **MAY 2018** — **CHRISTOPHER NEWPORT UNIVERSITY**

GPA: 3.90. **Thesis:** *Planning Footsteps of Humanoid Robots*. Created configurations for small laboratory robot for Team ViGIR's **open source** footstep planner. Fixed bugs present in the planner.

B.S. COMPUTER SCIENCE — **MAY 2016** — **CHRISTOPHER NEWPORT UNIVERSITY**

GPA: 3.52. *Cum Laude*. Created data visualization of large dataset. Used **JavaScript**, PHP, MySQL, Bootstrap3, and D3js.

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Timothy-Giles