



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#**, **Java**, **Git**.

Object-oriented, functional, and reactive programming.

Collaborator, presenter, servant-leader.

EXPERIENCE

FULL STACK ENGINEER

CHARTIQ

APRIL 2019 - APRIL 2020

Integrated 3rd party components using Finsemble and 3rd party **APIs and products**. Spear-headed the creation of the trial version of Finsemble by obfuscating and packaging multiple proprietary packages. 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 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.

SOFTWARE ENGINEER

PORT TECHNOLOGY SERVICES

MAY 2017 - NOV. 2017

Developed modern **front end** on applications used by the Port of Virginia. Established **agile** workflow for company. Integrated 3rd party software with our products. Debugged all parts of our software.

GRADUATE LAB ASSISTANT

CHRISTOPHER NEWPORT UNIVERSITY

AUG. 2016 - AUG. 2017

Instructed students in intermediate Java and OOP concepts.

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**.

LEADERSHIP

Vice President of Leadership & Development for Pi Lambda Phi at Christopher Newport University for 2015-2016.



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