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# GARRETT TONGUE

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## Software Engineer

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### Skills

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- JavaScript
- Ruby
- Rails
- React
- Redux
- jQuery
- SQL
- HTML
- CSS
- Git
- Matlab
- Java
- C#
- OpenGL
- WebGL

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### Education

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- 2012 - 2017      Hobart College  
Geneva, NY  
Bachelor of Science: Computer Science & Physics
- 2017 - 2018      App Academy  
San Francisco, CA

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### Portfolio

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#### Programming 200

*A full stack application to teach beginners programming in JavaScript. Using a rails back-end, and a frontend in react/redux*

#### WebGL Wave Simulation

*An interactive wave simulation using vanilla JavaScript, WebGL, and GLSL*

#### CS Assisted Trading

*Software written in Java that compiles data from many different sources in order to perform market research and develop trading strategies.*

#### DirectX 12 Engine

*A DirectX 12 Rendering Engine within C++.*

#### Astronomy Tool

*Program written in Java to be used by intro astronomy students at Hobart and William Smith College's to visualize a star's position*

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### Professional Experience

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- 2015 - 2016      Junior Engineer Intern  
City State Entertainment / Fairfax, VA  
Receive tasks from senior engineers, participate in code reviews. Programmed in C++, C#, Typescript, and HTML
- 2014 - 2014      Web Development Intern  
Lerentech Solutions / Syracuse, NY  
In charge of updating clients websites. Responsible for responding to client's requests.
- 2012 - 2012      Counselor  
Branchport, NY  
Provided 24 hour care for children who had recently lost a family member to cancer.