

# Tom Hansen

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## SKILLS

JavaScript • React • Redux • Ruby • Rails • HTML5 • CSS3 • PHP  
jQuery • AJAX • PostgreSQL • SQL • Git • Heroku • TDD • REST

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## PROJECTS

**Stromble** - (*React, Redux, Rails, Ruby*) [live](#) | [github](#)

*Social media platform that allows users to track running and biking data*

- Leveraged Google Maps API to customize route building, enhancing user experience
- Optimized efficiency and scalability by implementing modular dropdown and modal components, loosely coupled with parent component
- Implemented infinite scrolling and pagination for browser efficiency

**Quack-Man** - (*JavaScript, Canvas, HTML5*) [live](#) | [github](#)

*HTML5 Canvas game inspired by Pac-Man*

- Rendered complex maze using custom draw function to dynamically populate Canvas
  - Customized collision algorithm by calculating relative vectors using objects on the board
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## EDUCATION

**Full-Stack Web Development** - *App Academy (Nov 2017 - Feb 2018)*

- Rigorous full-stack web development course, teaching JavaScript, React, Rails, SQL, algorithms, design patterns, and best programming practices

**B.S in Computer Science** - *SUNY Old Westbury (Aug 2012 - Dec 2016)*

- Data Structures & Algorithms, Software Engineering, Systems Design & Implementation
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**EXPERIENCE** **Master Technician** - *Golden Chemdry (Apr 2016 - Oct 2017)*

- Established a refined carpet cleaning skill set and workflow, ensuring 99% customer satisfaction, leading to an over 90% repeat customer rate
- Boosted sales through negotiation and offering discounts, resulting in a 20% revenue increase with my addition to the team