

# Olli Nieminen

814-410-7366 | [otn987@gmail.com](mailto:otn987@gmail.com) | [linkedin.com/in/nieminenolli/](https://www.linkedin.com/in/nieminenolli/) | [github.com/SteelFace87](https://github.com/SteelFace87) | [olli.codes](https://olli.codes)

## SUMMARY

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I'm a Full-Stack Developer with 8 years of Engineering / Automation experience that enjoys diving under the hood to get a deeper understanding on new technology. On my free time I like to create apps that compliment my hobbies.

## PROJECTS

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**Studio Taimela:** <http://www.studiotaimela.com/> | <https://github.com/SteelFace87/Studio-Taimela>

**Summary:** Created Studio Taimela's online presence by following wireframes while focusing on performance, SEO, and best practices. I really enjoyed creating this project with the React framework and implementing React hooks.

**Workür / Jobtographer:** <https://workur.netlify.com/> | <https://github.com/jobtographer>

**Summary:** Full stack app created within an agile environment geared towards job seekers.

**Code for PDX / RecordexpungPDX:** <https://github.com/codeforpdx/recordexpungPDX>

**Summary:** Project in conjunction with Multnomah County Public Defender's Office to automate expunging qualifying criminal records. This project utilizes Flask on the back end and React / TypeScript on the front end.

## SKILLS

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React • Gatsby • HTML • CSS • Inquirer • Glamor • Post CSS • Node.js • Express • Super Agent • JavaScript • GraphQL API • TypeScript • Netlify • Mongo • Mongoose • Heroku • Firebase • AWS S3 • AWS EC2 • GitHub Pages • Serverless Jest • QUnit • TDD • Enzyme • Snapshot Testing • Agile • Mob Programming • Nodemon

## PROFESSIONAL EXPERIENCE

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ALLIED SYSTEMS COMPANY **Design Engineer / Test Engineer** • 2016 – 2019

- Programmed and tested marine equipment while providing support for product all around the world
- Engineered electromechanical equipment to solve complex problems

GUARDIAN INDUSTRIES **Mechanical Engineer / Lead Design Engineer** • 2011 – 2016

- Programmed, troubleshooted, wired, designed, and maintained all manufacturing lines
- Designed and programmed UI/UX touch screens for equipment operators
- Aided in runoff phase and final equipment debugging to earn client approval for new manufacturing equipment
- Lead design efforts for early R&D phases, including a revolutionary solution for the window industry
- Increased manufacturing speeds by 250%
- Reduced scrap rate by 50%
- Reduced equipment startup times by 90%
- Implemented server based quality assurance and tracking for error prevention and debugging
- Trained equipment operators and Engineers on new technology

## EDUCATION

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**Alchemy Code Lab:** Full-Stack JavaScript Development

**University of Pittsburgh:** Bachelor of Science in Mechanical Engineering, Minor in Mathematics

**Dunwoody College of Technology:** Industrial Controls & Automation Degree