

Kevin Wu

1800 Lavaca St, Apt 707 | Austin, TX 78701 | 281-248-7788
kevin@kevinywu.com | <https://kwu.io> | <https://github.com/kevwu>

- Education** **University of Texas at Austin** - Class of 2018 - Electrical Engineering
- Concentration: software engineering and computer architecture
- Technical Skills** **Front-end web** - HTML, CSS/SASS, ES6/Babel, jQuery
Back-end web - PHP/LAMP stack, Node.js, Go, MySQL/MariaDB, MongoDB
General purpose - C, C++, Java, Python
Tools - Linux shell, vim, Ableton Live, AfterEffects, JetBrains IDEs, Jupyter
- Work Experience** **Electric Power Engineers** - Full Stack Developer (Summer 2017)
• Improved and maintained GridSight, an ArcGIS visualization webapp
• Worked with Django and traditional JavaScript
• Refactored and cleaned large amounts of legacy code
StratoDem Analytics - Software Developer (Summer 2016)
• Developed features for StratoDem's web app
• Built complex frontend modules in ES6 with Babel
• Collaborated with other developers through heavy use of git and GitHub
Texas Advanced Computing Center - Undergraduate Research Assistant (Fall 2015)
• Researched academic applications for linked data (RDF)
• Worked with SPARQL and various RDF ontologies
Affinegy - Development Intern (Summer 2015)
• Deployed, documented, and automated internal build processes
• Configured package distribution servers and custom virtual machines
- Selected Projects** **Kythera** - <https://github.com/kevwu/kythera> - (April 2017 - Present)
• Strongly and statically typed programming language
• Working interpreter built with ANTLR
• Goal is to build a self-hosting compiler to JavaScript
Nanote - <https://nanote.co> - (November 2015 - Present)
• Note-taking web app built around Markdown, with features such as LaTeX math
• Created for personal use to address Evernote's shortcomings
• Built with Golang (backend), jQuery/ES6 (user interface), and MySQL (data store)
Panopticon - <http://panopticon.kywu.org> - (January 2015 - September 2015)
• Status board that displays calendar events, schoolwork, etc in an elegant manner
• Structured to be modular and easy to modify
• Later revisited and adapted for use at StratoDem
• Built with Node.js (backend), socket.io (WebSockets), and multiple APIs