

# Lily Scott (@suchipi)

[github/suchipi](https://github.com/suchipi) [npm/~suchipi](https://npm.com/~suchipi) [me@suchipi.com](mailto:me@suchipi.com)

## Skills

- Enthusiastic about JavaScript, ECMAScript Proposals, typed languages, pushing the web platform, and developer tooling.
- Highly familiar with modern JavaScript runtime semantics and syntax.
- Comfortable with JavaScript, Flow, TypeScript, Java, Objective-C, Ruby, Swift, Lua, C#.
- Exposure to Rust, OCaml, Reason, C++, ANSI C, Python.
- Years of experience with React, Flow, Babel, Webpack, Node.js, NPM, and GitHub in a professional setting.
- Collaborator/co-maintainer of [Babel](#).
- One of the core maintainers of the [Prettier code formatter](#).
- Contributor to [Jest](#), [React DevTools](#), [core-js](#).
- Experience writing Webpack loaders/plugins, Babel plugins, and ESLint rules.
- Experience configuring Webpack, Babel, Flow, Prettier, ESLint, and related tooling from the ground up to fit the needs of a rapidly evolving codebase.
- Familiar with macOS, Linux, and Windows. Maintains own development environment.
- Heavily experienced in web development and tooling across Windows, Linux, macOS, iOS, Android, and Windows 10 for Mobile.
- Comfortable with advanced CSS layout concepts, like establishing stacking contexts and flexbox.
- Author of 28 packages on NPM.

## Work History

- **Nexia Home Intelligence – 5/2015 – Present (3 Titles)**
  - Software Engineer at Nexia Home Intelligence – 11/2016 – Present

Continued at Nexia as the lead engineer for their hybrid mobile web app and its associated backend/API. Co-designed and implemented a device enrollment procedure for devices with limited or no displays. Lead the mobile engineering team in decisions regarding the future growth of the codebase in order to speed up turnaround time for mobile work by 2-3x. Traveled to interface with engineers at partner companies to standardize API decisions and lead solutions. Gave several lunch-n-learn presentations to internal teams teaching how to use React, how to use and debug Flow, and strategies for solving problems in the IoT domain with React. Implemented novel workarounds and polyfills for layout, rendering, or behavioral bugs in mobile browsers using CSS, JavaScript, Java, Objective-C, and C#. Applied performance enhancements and code-splitting to reduce startup time of the mobile app from 8 seconds to 1.5 seconds. Implemented native-feeling animations, gestures, and user interactions within the limitations of a mobile web browser. Wrote a custom CI server to replace Jenkins to reduce time lost to debugging the CI pipeline.
  - Developer/Analyst at Nexia Home Intelligence – 10/2015 – 11/2016

Continued work on a managed, IoT smart home system with a focus on its mobile hybrid web app frontend, targeting Android, iOS, Windows 10 Mobile, and desktop web browsers. Learned Java, Objective-C, and C#, and became intimately familiar with JavaScript. Led and completed an effort to convert the frontend of the mobile app from Backbone.js and Polymer to React. Became a core engineering team member for the mobile app and conducted phone screening, interviews, and paired programming exercises to find and fill positions in the mobile engineering team. Mentored new employees working across the stack and taught a contractor with no prior coding experience how to develop full-stack for the mobile application. Set up and managed a CI server (Jenkins) and automated mobile app builds and deployment, and streamlined app delivery for testing. Used Docker to run backend services locally and debug platform-specific issues.
  - Contractor at Nexia Home Intelligence – 5/2015 – 10/2015

Developed full-stack cloud-to-cloud API solutions for a managed, IoT smart home backend and its hybrid

mobile web app and web frontend. Used Ruby on Rails, Backbone.js, jQuery, and CSS. Worked with a System Test team and stakeholders to verify implemented work. Participated in team architectural discussions to solve infrastructure problems.

- Self-Taught CS Student - 2/2015 – 5/2015  
Took time off from working and spent 3 months teaching myself how to code full-time, 7 days a week. Learned Ruby on Rails, Git, JavaScript, HTML, and CSS. Learned via courses on Codeschool.com and reading the docs of the technologies I was learning. Built a multi-user image indexing application as I learned.
- Logistics Team Member at Target - 9/2014 – 2/2015  
Managed the stock and status of store items and created and worked tasks regarding the movement of inventory between the stock room and sales floor. Worked with store guests to fulfill their needs and acted as a backup for team members across the store including in the stockroom, on the sales floor, and at the registers.
- Founder of The Nerd Herd - 6/2013 – 9/2014  
Created an LLC offering computer and technical support/services, including custom computer creation, physical repair/parts replacement, software training, malware and virus removal, network creation/configuration, and purchasing consultation.
- IT Intern at Adams 12 Five Star Schools - 4/2011 – 6/2013  
Provided one-on-one technical support with school district employees, addressing software, hardware and network issues. Logged issue information in a ticketing system. Also developed and deployed standardized Windows system images and a customized Linux distribution for use within parts of the district.

## **Education**

Graduated from Legacy High School in 2012, including Computing, Networking, and AutoCAD courses at Bollman Technical Education Center.

Received first-place at the 2011 SkillsUSA competition in Computer Repair at the District and State levels.

Self-taught software engineer.