

# Kyle Smith

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## Education

BS in Computer Science, 3.60 GPA, Arizona State University

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## Skills

1. Javascript (Full stack, ES6, Node)
  2. Python, PureScript, C/C++
  3. Front End (React, HTML, Less, Javascript)
  4. PostgreSQL, Mongo, SQL
  5. Git, Shell Script, Nginx, Docker, Terraform
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## Experience

### Hashback.io

**Co-Founder** *May 2017–Present*

Created pipeline to process tweets through the IBM Watson API, displaying the results graphically in a user dashboard. Designed and implemented login system and integration with Zendesk. Reimplemented the company's AWS infrastructure in Terraform.

### Axosoft

**Software Developer** *May 2015–May-2017*

Developed GitKraken, a cross platform git client built on Electron. Added various features such as pull requests, managing remotes, Git Flow, amend commit, and integration with GitHub. Converted pieces of the app from Javascript to PureScript. Contributed to NodeGit, the module that GitKraken depends on to perform git operations. Created a framework to move CPU intensive operations to a background process, improving the responsiveness of the UI. Implemented registration process both in the client and the API.

### Schedule Viewer

**Mobile Development Engineer** *Jan 2014–Oct 2014*

Developed both Android and IOS application to assist non-emergency medical drivers while picking up their clients (like Uber for the disabled). Implemented driver image capture, passenger signature capture, and UI improvements.

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## Open Source

[nodegit/nodegit](https://github.com/nodegit/nodegit)

Improved memory management. Decreased build time from 90 seconds to ~5 seconds when running code generation script. Added commit amend function. Exposed function to determine the HEAD during a merge conflict. Fixed compare methods which previously returned a false positive for all arguments. Improved test coverage for Commit, Blame, and Revert.

[smith-kyle/electron-process](https://github.com/smith-kyle/electron-process)

Tool to move blocking operations to a background processes in Electron.

[smith-kyle/android-blackmail](https://github.com/smith-kyle/android-blackmail)

An Android application which allows users to blackmail themselves into arriving at their destinations on time. Leveraged the Twilio API and cron jobs to ensure that an embarrassing photo would be sent to the saved phone number should the user not check in to their location on time.

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[github.com/smith-kyle](https://github.com/smith-kyle) -- kyle.r.smiff@gmail.com -- (480) 789-1730

