

Emma King

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🌐 [emmax86](#)
in [Emma King](#)

Skills

Languages:

JavaScript, Java, Python, Go, C, C++

Development Technologies:

Git, Docker, Jest

Frameworks:

React, Redux, Express, NodeJS,
Electron, Flask, Google App Engine

Databases:

MongoDB, SQL

Education

Arizona State University
Bachelor of Computer Science
Aug 2014 - May 2018
3.58 GPA

Awards and Achievements

- Dean's List 2015 – 2017
Arizona State University
- Finalist 2015
PayPal Opportunity Hack
- 3rd Place 2015, 2016
Hacks for Humanity
- Most Collaborative Team 2015
Hack Arizona
- Social Hack Award 2015
Hack Arizona
- President's Scholarship 2014
Arizona State University
- 2nd Place 2013
Spark App League
- 1st Place 2013
Urban Plan Competition
- Degree of Excellence 2012
National Forensics League
- 1st Place 2011
SWSDI Invitational Debate

Professional Experience

Engineer II

American Express

Jul 2019 - Present

Tempe, AZ

- Developer on One XP team, and formerly the One Amex Shared Services team.
- Maintained and uplifted core site dependencies with millions of daily active users for data and analytics.
- Designed and developed JavaScript frameworks for web and server-side digital experiments for the enterprise used by dozens of teams.
- Architected and developed dashboard for creating and managing digital experiments using React and One App.

Software Engineer

Axosoft

Jan 2018 - Jun 2019

Scottsdale, AZ

- Developer on GitKraken, a cross-platform Electron app with a React front-end.
- Architected solutions to and developed core features such as the in-app editor and GPG commit signing.
- Optimized app startup to 2.3x–6x as fast on Windows, MacOS, and Linux platforms.
- Contributed to multiple core product open-source dependencies, such as NodeGit, libgit2, and NSFW.

Software Engineering Intern

PayPal

May 2017 - Aug 2017

San José, CA

- Member of PayPal's Platform as a Service Custom Solutions (PCS) team.
- Empowered PCS customers to make automated changes through self-service portal.
- Developed and architected self-service web front-end for PCS automation tools using React, and Python Flask endpoints for wrapping CLI tools.

Software Development Engineer in Test Intern

Workiva

Jan 2017 - May 2017

Scottsdale, AZ

- Part-time engineer on Workiva's quality assurance and development infrastructure team.
- Introduced contract testing to microservices and demonstrated to members across teams how contract testing could be integrated with their processes.
- Developed functional tests for Wdesk product.

Software Engineering Intern

PayPal

May 2016 - Aug 2016

Scottsdale, AZ

- Member of PayPal's Managed Operations team.
- Developed script for evaluating the production-readiness of physical and virtual servers according to cross-team requirements.
- Automated registration of newly deployed physical servers into asset management.
- Created cross-team automation solutions for server builds.

Leadership and Development

Director of Student Projects

Software Developers Association

2014 - 2018

Tempe, AZ

- Formerly Coding Competition Team Leader, Secretary, USG Treasurer, and Lead Development Director.
- Organized and planned initiative for launching extracurricular student projects
- Presented students with strategies for successful time management.
- Developed and facilitated brainstorming and team-building activities.
- Facilitated monthly stand-up meetings for measuring student success.
- Selected algorithmic questions and judged for annual SoDA Code Challenge.