JOSHUA KARPER

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▸ EDUCATION

Bachelor of Science, Computer Science   August 2015 - May 2019
University of Maryland, College Park

▸ SKILLS

Languages	Ruby, Java, JavaScript, Python
Frameworks	Ruby on Rails, React Native, Redux, Bootstrap
Tools	Git, HTML5/CSS3, MongoDB

▸ EXPERIENCE

Developer   February 2018 - Present
OpenPoll | College Park, MD
- Utilize React Native to build a mobile app that currently has over 2,000 downloads
- Responsible for iOS and Android mobile builds and deployments
- Develop and manage functional testing processes
- Collaborate with other engineers to implement multiple app dependent RESTful API endpoints with Node.js

Software Development Intern   October 2016 - July 2018
DCHealth Link | Washington, DC
- Fixed production bugs and gained a deeper understanding of Ruby on Rails
- Expanded project test coverage by over 40% with RSpec, Cucumber and Capybara
- Coordinated with stakeholders to ensure software flaws were fixed and features were implemented

System Administrator   March 2016 - October 2016
University of Maryland | College Park, MD
- Extended Google Sheets with Google's AppScript to develop a notification-driven inventory system
- Used Visual Basic and Powershell scripting to automate software updates and to create Active Directory accounts
- Interacted with over 100 department staff members and graduate students for technological support services

▸ PROJECTS

Twitter Contest Bot
Python
- Located contest tweets (e.g. 'retweet to win'), parsed them and then performed actions needed to enter the contest
- Used the Tweepy API wrapper to access the Twitter API and entered over 20,000 contests

Reddit Data Analysis Project
Python, Pandas, SQLite, Scikit-learn
- Created a script to scrape and tidy the data from over 1,000 'body/fitness transformation' posts from Reddit
- Analyzed the resulting data for trends and trained various classification models