CARTER THOMAS KONZ

carter.konz@gmail.com | cartfisk.com
Chicago, IL

EMPLOYMENT

SOFTWARE DEVELOPMENT ENGINEER | 4C Insights — June 2017 - Present
- Full stack engineer working on a large scale web application providing data-driven insights, social activation, management & measurement using React, Redux & EmberJS.
- Leading development on a direct-to-publisher bulk editor for management, measurement & activation of social ad campaigns, working with complex entity/state-management relationships at scale.
- Updating & maintaining a statistics measurement workflow with Python, Flask, Celery & MongoDB to deliver reliable supplementary measurement tools to augment publisher offerings.
- Enhancing infrastructure to improve developer quality of life, optimizing project builds, isolating test environments & implementing release processes to reduce potential for service outages.

SOFTWARE DEVELOPER (Contract) | Stritch School of Medicine — January 2017 - March 2017
- Implemented an intuitive web application for querying & filtering biomedical data.
- Managed & configured deployable, consistent development environments with Vagrant & CentOS.
- Delivered high-quality graphics & reusable UI components for consistent UX & brand identity.

FULL STACK DEVELOPMENT INTERN | Ellytronic Media LLC — September 2016 - January 2017
- Created scalable web services with NodeJS, Express, & MongoDB, as well as PHP & MySQL.
- Developed automated deployment environment & workflow with Jenkins CI, Slack & Hubot.
- Launched scalable hardware & cloud-based server systems with CentOS, AWS & DigitalOcean.

SOFTWARE DEVELOPMENT INTERN | Oranj LLC — May 2016 - September 2016
- Coordinated infrastructure, development & deployment environments for a hybrid mobile app.
- Developed reusable UI components & integrated REST APIs with Javascript, Angular & Ionic.
- Established a complete CI pipeline from source code to app store distribution with Jenkins & Fastlane.

EDUCATION

LOYOLA UNIVERSITY CHICAGO Chicago, IL — B.S. Computer Science, May 2017
- Magna Cum Laude
- Interdisciplinary Honors Program

RELEVANT EXPERIENCE & PROJECTS

weatherMix | Developer, Designer & Curator— January 2017 - Present
- Developing a web platform for music recommendation based on current weather conditions.
- Designing cohesive, consistent, and reusable UI following principles of interface design.
- Curating high-quality content, collaborating with Chicago artists & tastemakers.

Technologies, Frameworks, Libraries, Toolchains, etc.
- mongoDB, MySQL/MariaDB, Redis, Webpack, Kubernetes/Docker, AWS, CentOS, Jenkins
- ReactJS + Redux, EmberJS, AngularJS, Node, HTML (JSX/Handlebars), CSS (Sass/Less)
- Flask, Celery, RabbitMQ, SQLAlchemy, mongoose, Fabric, Pandas