CARTER THOMAS KONZ

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Chicago, IL

EMPLOYMENT

SOFTWARE DEVELOPMENT ENGINEER | 4C Insights — June 2017 - Present
- Full stack engineer working on a large scale single-page web application providing data-driven advertising insights, ad activation, management & measurement.
- Leading development on a direct-to-publisher bulk editor for management, measurement & activation of social ad campaigns.
- 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 & interactive web platform for querying & filtering biomedical data.
- Managing & configuring deployable development environments with Vagrant & CentOS.
- Designing & creating high quality graphics for branding & designed user interface elements.

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 server systems with CentOS, AWS & DigitalOcean.

SOFTWARE DEVELOPMENT INTERN | Oranj LLC — May 2016 - September 2016
- Coordinated infrastructure, development & deployment environments for hybrid mobile apps.
- Developed application interface & integrated REST APIs with Javascript, Angular & Ionic.
- Configured continuous deployment for iOS & Android bundles 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 web platform for music recommendation based on current weather conditions.
- Designing cohesive, consistent UI following principles of interface design.
- Curating high-quality content, collaborating with Chicago artists & tastemakers.

Toolchain Proficiencies
- JavaScript, HTML, CSS, PHP, MongoDB, MySQL, Java, C++, C#, Python, Arduino
- AngularJS, Node.js, WordPress, Ionic, Cordova, Express, Gulp, Vagrant, AWS, Ubuntu