Carter Thomas Konz

carter.konz@gmail.com | cartfisk.com

Employment.

Lead Software Development Engineer | 4C Insights — June 2019 - Present
- Leading a mid-sized engineering team to scope and develop large-scale products & features for 4C's creative workflow solutions & publisher activation products.
- Mentoring junior-level developers on the software development process, promoting best practice, technical expertise, self-reliance & confidence with coaching, feedback & recognition.
- Driving team-level & individual business ownership of 4C products through market analysis, client feedback & cross-functional collaborative discussion.

Software Development Engineer | 4C Insights — June 2017 - June 2019
- Developed large features & enhancements for a large-scale web application using React, Redux & EmberJS, worked with complex entity/state-management relationships at scale.
- Updated & maintained a statistics measurement workflow with Python, Flask, Celery & mongoDB to deliver reliable measurement tools to augment publisher offerings.
- Enhanced infrastructure to improve developer quality-of-life, optimized project builds, isolated test environments & implemented release processes to increase site reliability.

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 — May 2016 - September 2016
- Developed reusable UI & API integrations in a hybrid mobile app with Javascript, Angular & Ionic.
- Established a complete CI pipeline, from sourcecode to app store releases with Jenkins & Fastlane.

Education.

Loyola University Chicago | Chicago, IL — **B.S. Computer Science,** May 2017
- Magna Cum Laude
- Interdisciplinary Honors Program

Relevant Experience & Projects.

youwont.bet | Designer, Engineer — March 2019
- Developed a web platform to upload photos for use in dynamic promotional materials.
- Used React, Python, Docker & AWS to implement an efficient & reliable web platform for ingesting & processing audiovisual content.

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