ERIK KIMSEY
// SOFTWARE ENGINEER

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As a creative technologist and software engineer, I find the best tools and architecture for the job. Experimentation and breadth of experience are at my core. I strive for resuability, modularity, and succinctness. My passions lay in building intuitive, performant, innovative, and beautiful technology.

SKILLS

Full-Stack Engineering
- JavaScript, React, NextJS
- Redux
- CSS3 / Sass / CSS-in-JS
- HTML5
- NodeJS / Express
- Relational *&* NoSQL DBs
- GraphQL
- Apollo-Server / -Client
- Python / Django
- Webpack
- Test-Driven Development
- Bootstrap 4
- Web Audio, Web Sensor APIs
- P5.js, D3.js,
- Angular

Languages
- Javascript (ES6/7)
- Python
- SQL
- GraphQL
- Java (Android)
- Processing
- C/C++

Design Tools
- Adobe Illustrator
- Adobe Photoshop
- Adobe InDesign
- Adobe XD

Misc. Technology
- React-Native
- Android SDK
- ARCore
- Propellerhead Reason
- Abelton Live
- Audacity
- Blender
- Unity3D
- JUCE
- Arduino / IC
- Adobe Premiere
- Adobe AfterEffects

WORK EXPERIENCE

09/2019 - 11/2019
CHATWISE
Software Engineer
(Node/Express, Postgres, ngrok, & Messenger API)
- Using Messenger API, Postgres, and React, develop a dynamic chatbot that provides Blinkist-type functionality within Messenger.

06/2019 - 09/2019
THE REALM
Software Engineer
(React-Native, Redux, ES6, Figma)
- Within React-Native, I contributed to architecting and developing the Realm gamer-focused marketplace and social-media app.

6/2018 - 09/2018
NEXTLEVEL / B612 DESIGN
Front-End Engineer
(Angular 4, Sass, Bootstrap, & D3)
- Contributed to the development of an interactive guilloche for use by a Stuttgart design firm, B612,

1/2018
RAINCROW
Back-End Engineer
(NodeJS & Redis)
- Contributed to the early-stage engineering of a Node server and Redis database supporting the activity of a MMORPG (Covens)

10/2016 - 6/2017
CHARTIQ
JavaScript Engineer
(JavaScript, HTML5, CSS3, & AngularJS)
- Helped implement "ProCharts" in a ChartIQ client's application
- Contributed to performance upgrades, using JavaScript, to ChartIQ's flagship financial-charting solution

EDUCATION

2018 - 2019
COMPUTER SCIENCE
Lambda School
Curriculum:
- Full-Stack Web Development
- Database and RESTful API Design
- Programming paradigms (Declarative, Imperative, and Procedural)
- Software Design Patterns
- Single-Page Application Development
- Algorithm Analysis
- Data Structures
- Theory of Computation
- Computer Architecture
- Cellular Automata
- Version Control
- Agile (Scrum and Kanban) and Waterfall techniques

8/2017 - 12/2017
COMPUTER SCIENCE
OSU
- Object-Oriented Programming in C++
- Discrete Maths

2012
WEB DESIGN & DEVELOPMENT (CERT)
Blue Ridge Community College
- Javascript, HTML, CSS, Java
- Graphic Design Concepts
- Adobe Illustrator, Photoshop, InDesign

2006 - 2010
PHILOSOPHY (BS)
James Madison University
Minors: creative writing & design
- Phi Sigma Tau Philosophy Honors Society Member
- Director of the Club of Creative Writing