

# ERIK KIMSEY

## // CREATIVE TECHNOLOGIST

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As a creative technologist and software engineer, I seek the best tools and architecture for the job. My passions lay in creating beautiful, exciting, intuitive, performant, and innovative experiences with high-technology. ...Or, any technology.

### SKILLS

#### Full-Stack Engineering

- JavaScript, ReactJS,
- P5.js
- React-Native
- CSS3 / Sass / CSS-in-JS
- HTML5
- Unity3D
- Blender
- NodeJS / Express
- GraphQL / Apollo
- Python / Django
- Webpack
- Bootstrap 4
- Web Audio, Web Sensor APIs
- D3.js,
- Angular

#### Languages

- Javascript (ES6/7)
- C# (Unity3D)
- Python
- SQL
- GraphQL
- Java (Android)
- Processing
- C/C++

#### Design Tools

- Adobe Illustrator
- Adobe Photoshop
- Adobe InDesign
- Adobe XD

#### Misc. Technology

- Android SDK
- Propellerhead Reason
- Abelton Live
- Audacity
- Blender
- Arduino / IC
- JUCE
- Adobe Premiere
- Adobe AfterEffects

### WORK EXPERIENCE

**09/2019 - 11/2019**

#### CHATWISE

##### Software Engineer

(Node/Express, Postgres, ngrok, & Messenger API)

- Using the Facebook Messenger API, Postgres, and React, developed 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

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