

Jake Hackett

FULL STACK SOFTWARE ENGINEER

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Education

Worcester Polytechnic Institute

Worcester, MA

B.S. IN ROBOTICS ENGINEERING AND COMPUTER SCIENCE

2013 - 2017

Experience

Carbon Black, Inc.

Waltham, MA

FULL STACK ASSOCIATE SOFTWARE ENGINEER

July 2017 - Present

- Helped design, implement and scale an EDR platform from scratch
- Worked on the backend server and UI for a market leading EDR platform
- Led effort to improve design patterns within the frontend React/Redux architecture

Wakefly, Inc.

Marlborough, MA

WEB DEVELOPMENT INTERN

May 2016 - August 2016

- Implemented custom functionality and intuitive user interfaces into new and existing CMS websites
- Trained on modern web development technologies

Skills

LANGUAGES

- Java, Python, C, C++, JavaScript, HTML5, CSS3, Ruby, PHP, Lisp, SQL

TOOLS

- JQuery, Bootstrap, JavaFX, Ruby on Rails, NodeJS, Express, d3, React, Redux, Flask, Sass, Git, LaTeX, Docker, EC2, IAM, S3, ECS, DynamoDB, PostgreSQL, MySQL, MongoDB, Heroku, macOS, Linux, Microsoft Windows, Adobe Creative Suite, JetBrains IDEs, Eclipse, VMWare

Projects

Battlerite Tools

Concord, MA

LEAD DEVELOPER

November 2017 - Present

- Designed and created an application to supplement features in a video game called Battlerite
- Used React, Redux, PostgreSQL, Express, Node, and several other modern web technologies
- Can be seen on Github here: github.com/jrhackett/battlerite-tools

D&D 5e Spells

Concord, MA

LEAD DEVELOPER

May 2017 - Present

- Designed and created a web application to organize and search spells for Dungeons and Dragons 5th edition
- Can be seen on Github here: github.com/jrhackett/dnd-5e-spells

ToasterIO

Worcester, MA

LEAD DEVELOPER

Jan. 13-15th, 2017

- Developed an IoT-enabled toaster using an Amazon Dot and a \$20 toaster from Costco
- Created a custom Alexa skill through AWS
- Grand prize winner at HackWPI 2017 hackathon
- Can be seen on Devpost here: devpost.com/software/toasterio

Soundshare

Worcester, MA

LEAD DEVELOPER AND DESIGNER

Nov. 2016 - December 2016

- Created an application, with two teammates, using Ruby on Rails that allows users to post sound files, comment on posts, and create sound boards to organize several sounds
- Used PostgreSQL and AWS S3 for persistent storage and hosted the application on Heroku
- Can be seen on Github here: github.com/jrhackett/soundshare