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# QUINTESSA ANDERSON

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## EDUCATION

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**Evanston, IL** **Northwestern University** **Nov 2017 - May 2018**

- **Certificate:** Full Stack Web Development (MERN)
- **Programming Coursework:** Algorithms & Data Structures, Database Systems and Design, Responsive Web Design, Git Version Control Systems (GitHub/Bitbucket/Gitlab), MVC Design Patterns
- **Recipient of the Most Useful Application Award** granted by Northwestern University for [Get It or Ship It](#)

## EMPLOYMENT

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**Software Developer, Apprentice** **8th Light** **Mar 2019 - Present**  
Consulting Agency ([www.8thlight.com](http://www.8thlight.com))

- Deliver working software for client projects by implementing clean application architecture and incorporating key software design and development principles
- Write clean and reusable code by utilizing test driven development and following well-formed development processes
- Collaborate regularly with other developers to ensure project goals are achieved in a timely manner
- Demonstrate knowledge of object oriented design and development
- **Leveraged Knowledge:** Agile Methodologies, Scrum, SOLID Principles, Four Rules of Simple Design, reading unfamiliar code/language and library documentation, interpreting requirements, test driven development, polyglot language paradigms, writing compelling blog posts, feature stories, story point estimations, project planning, presenting and preparing demos, analytical skills, and programming in Ruby, Swift, and Elixir

**Teacher Assistant** **Northwestern University** **Aug 2018 - Present**  
Coding Bootcamp ([bootcamp.northwestern.edu/coding/](http://bootcamp.northwestern.edu/coding/))

- Teach students programming concepts, development tools, language syntax, problem solving skills, and best coding practices in web development
- Help students master learning concepts through one-on-one and small group tutoring
- Support a rigorous curriculum of key market-driven skills and technologies including: HTML5, CCS3, jQuery, JavaScript, Git, Github, Bootstrap, Firebase, MongoDB, MySQL, Node.js, React.js and more
- **Leveraged Knowledge:** Teaching, mentoring, debugging, code reviews, reading unfamiliar code/language and library documentation, project planning, pair programming, remote pairing, development screenings, project management

## SOFTWARE PROJECTS

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### KIS

- Winner of Google Cloud Platform Award at Buildher Hackathon April, 2018  
(<https://buildher2018.devpost.com/submissions>)
- Created a sexual health awareness app: with a simple search, users are able to find quick and reliable answers to any sexual health question and get connected to resources to help them make healthy decisions. All answers and information at K.I.S. are answered, researched, and verified by public health experts and sexual health educators.
- Designed RESTful backend server enabling data to be stored persistently in a nonrelational database
- **Utilized:** React.js, Express.js, Node.js, Bootstrap, Javascript, MongoDB, Algolia.js, Heroku, GIT

### Celebrity Friend Finder

- The Celebrity Friend Finder application is a full stack application that will find the user a compatible celebrity based on the users' responses to a personality survey
- This full-stack site will take in the results of the survey, compare the users' answers with those from the celebrity responses and then display the name along with the picture of the celebrity who is the best overall match
- Utilized: GIT, Node.js, Express.js, Bootstrap, Javascript, Heroku, Ajax/JSON, own custom API

### Tic Tac Toe

- Created a playable tic tac toe application that allows the user to choose between two different game type interfaces: human vs human or human vs. simple computer
- Designed RESTful backend server and custom JSON API
- Utilized: React.js, react-bootstrap, Javascript, Heroku, GIT, Elixir, Phoenix

### Skills

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**Software:** (*proficient*): Git, Bash Scripting, Javascript (ES6/ES5), Bootstrap, Travis, React.js, Node.js, Express.js, MySQL, NoSQL (MongoDB), Algolia.js HTML5/CSS3, Ruby, Github, Bitbucket, Trello, NPM/YARN, unit testing, Enzyme, Heroku, IDEs: Atom, VS Code, Sublime, continuous integration, deployment (*familiar*): Swift, Elixir, Python, PHP, Socket.io, Handlebars.js, Mustache.js, Circle CI, Linux, ExUnit, Mocha, Jasmine, Jest, Netlify, Firebase, iOS (*basic*) AWS, Java