Alexander Ela

PROFILE

Front End Engineer who takes deep satisfaction in building and understanding web applications, and in persevering through difficult technical challenges. Passionate about developing fluency in new languages. Seeking to increase programming expertise by working with like-minded individuals.

SKILLS

Frameworks/Languages

- JavaScript ECMAScript 6 (ES2015)
- React
- Unit Testing Frameworks (Mocha, Chai, Jest, Enzyme)
- Test Driven Development (TDD)
- Semantic HTML5
- CSS3
- SASS
- Automation / packaging tools (npm, Babel, Webpack)
- Node / Express / Knex
- UX/UI
- Responsive Web Design
- Redux

Organization

- Git/Github
- Git Rebase
- Agile Processes
- Pair Programming
- Project Management

Foreign Languages

- Spanish, French, German

CONTACT

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github.com/alexanderela

CITIZENSHIP

-USA, Hungary (EU), Chile

PROJECTS

World of Flags - *Github Repo*   *Live Project*
- Mobile first, full-stack game designed to teach users the flags of over 190 countries.
- Users shown randomly-generated flag and guess between 4 answer options.
- If stuck, users can request hints consisting of fact about or outline of country.
- Users accumulate points based on correct answers and number of hints requested.
- Frontend developed using Redux, React.js, React Router, and JavaScript ES6/ES7. Unit tested primarily using Enzyme and Jest.
- Backend developed using Node.js, Express.js, Knex.js, PostgreSQL, and Travis CI.

Disc Golf Guru - *Github Repo*   *Live Project*
- Application that lets users submit a zip code or city name to search for disc golf courses, and to view current weather conditions for each course. Users currently only able to search for locations in New York state.
- Developed using Redux, React.js, React Router, and JavaScript ES6/ES7. Unit tested primarily using Enzyme and Jest.

Palette Picker - *Github Repo*   *Live Project*
- Responsive application that lets users generate palettes consisting of 5 randomly selected colors, and to save favorite palettes under particular projects in backend database.
- Developed using jQuery for user interface and Node.js, Express.js, Knex.js, and PostgreSQL for database.

Star Wars API Box (SWAPIBox) - *Github Repo*   *Live Project*
- Responsive application that lets users view various pieces of Star Wars fan trivia, organized by category and displayed within a user-friendly interface.
- Developed using React.js and JavaScript ES6/ES7. Unit tested primarily using Enzyme and Jest.

EXPERIENCE

Front-End Engineering Student - Turing School of Software & Design / *2018 - 2019*
- Approx. 2500 hours of intensive programming work and study.
- Approx. 20 paired, group, and solo projects, ranging in length from 1-2 weeks.

Appraisal Associate - Comprehensive Art Services / *2010 - 2018*
- Created company website using Squarespace.
- Developed logical and defensible valuation methodologies for appraisal reports concerning artworks and other personal property.

EDUCATION

Turing School of Software & Design - Denver, CO
Front-End Engineering Software Development

Leiden University - Leiden, Netherlands
MA, Arts & Culture: Museums & Collections

University of California Santa Cruz - Santa Cruz, CA
BA, Modern Literature, French Literature