RON GRUESBECK

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LinkedIn: linkedin.com/in/ron-gruesbeck   **GitHub:** github.com/rgruesbeck   **Portfolio:** github.com/rgruesbeck/projects

TECHNICAL SKILLS

- **Proficient:** JavaScript, Bash, Node.js, React, P5.js, HTML5, CSS3, LevelDB
- **Exposure:** Python, C++, Ruby, Scheme, Go, R, Visual Basic, Express.js, Angular, Rails, Flask, Leaflet, SnapSVG, MongoDB, PostgreSQL, SQL Server, Docker, Browserify, Parcel, WebPack, Tap, Git, NPM, Firebase, Heroku, IPFS, Stripe, EC2, S3, SNS

PROFESSIONAL EXPERIENCE

Gometa | Software Developer | San Diego   January 2019 - October 2019

- Wrote customizable cross-platform games to drive user growth on platform using Vanilla JavaScript, HTML5 Canvas, Preact, P5.js, Parcel, WebPack, Express, and Firebase delivering 12 unique games and publishing 6 open-source game libraries.
- Developed 7 KaiOS utility app templates with off-line first features beginning a partnership with KaiOS using JavaScript, Express, and Firebase featuring Gometa on KaiOS partners page and blog posts.
- Built a full stack craigslist clone demo for our development platform using JavaScript, React, Express, Firebase, and Webpack delivering application in 4 weeks.

Nixie Agency | Co-Founder | Oakland   August 2014 - December 2018

- Developed space management platform with indoor maps feature using JavaScript, Go, React, Leaflet, SnapSVG, SQL Server, S3, EC2, and Docker achieving performant UI with < 500ms indoor map load times.
- Developed web site and online gallery platform for local artists using Ruby, Rails, PostgreSQL + ActiveRecord, Heroku, S3, SNS, and Docker increased site traffic by 25%.
- Developed web site with ticket sales and custom admin interface using JavaScript, Angular, NodeJS, Express, Heroku, S3, MongoDB, Stripe, and Docker reducing ticket sale friction by 20%.

Sutter Home | Senior Lab Technician | Napa   August 2010 - July 2013

- Developed prediction model for ethanol and methanol concentrations in wine from methanol data using Python, and R demonstrating a reduced analysis time from ~45 minutes to ~5 minutes.
- Automated recheck process for enzymatic test results using Visual Basic reducing time spent on rechecks for enzymatic results by 75%.

EDUCATION

BS Biology, *Pacific Union College*   Aug 2010

PROJECT WORK

Multibook | Software Engineer | multibook.rocks | github.com/rgruesbeck/multibook   2018

Search interface for Jazz lead-sheets (sheet music) from the Internet Archive.

- Developed and designed a UI for searching and displaying Jazz lead sheets hosted by the Internet Archive using JavaScript, React, and IPFS reducing initial page load size by 15%.

Arcade Lib | Software Engineer | npmjs.com/~rongruesbeck   2019

Open Source libraries for use in building games.

- Published 8 open-source game libraries including spatial partitioning, asset loading, and game sprites with object pool using JavaScript, NPM, and Tap (test anything protocol) expanding test coverage to 90% of mobile browsers with Tape and Tape Dom.