

JERRIK SHAW

Computer Systems Engineer/ Architect

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[Portfolio](#)

[Github](#)

[Linkedin](#)

SKILLS: Python, Django, Pandas, Metaflow, Mlflow, AWS, JavaScript, React.js, SQL, HTML5, CSS3

EXPERIENCE:

Software Engineer (Python, Django, Pandas, AWS, Typescript, React) June 2019 - Present
23andMe

- Develop and maintain an internal full stack web application to recruit for/ manage clinical trials.
 - Python and Django for the backend with Typescript and React for the front end
- Collaborated with a small team in an agile workflow with a week long sprint.
- Application is scalable to handle cohorts of over 1,000,000 people.
- Develop and maintain an internal server side service to help researchers analyze data for a customer base of over 16,000,000 people.
- Lead project to migrate other internal applications to our service to deprecate a legacy system that was costing ~15,000 a month.

Craftsman (Communication, Mentoring)

Oct 2015 - June 2017

AAA Kartak glass and closet

- Onboarded and managed up to three employees integrating them into the team environment by teaching new team members how to efficiently install products.
- Worked directly with customers to resolve scheduling conflicts and any repairs that may need to be done.

PROJECTS:

Brick Destroyer: (Javascript, HTML5 canvas)

[live site](#) | [github](#)

A rendition of the classic game Breakout with a "retro game" theme

- Developed a parsing engine that accepts a matrix of integers and outputs a level object which gives the app flexibility to be modified and expanded on in the future.
- Used vanilla Javascript to handle game logic and manipulating the DOM to render different elements of the game.
- Created a canvas element for animating various sprites to the screen allowing the user to interact seamlessly with different objects improving UI/UX.

EDUCATION

App Academy

(October 2018 - January 2019)

- 1000+ hour coding course with < 3% admission rate with pair programming
- Immersive 3 month coding bootcamp with a focus on full-stack development