

# Joseph McWhorter

Full-stack Software Engineer

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## Software Development Skills

JavaScript, Python, Node.js, Express, Socket.io, RESTful API, PostgreSQL, Bootstrap, AWS, HTML, CSS

## Software Development Portfolio

Jeopardy | jeopardy.josephmcwhorter.com

Jan 2020

- Member of a 3-person team that built an online jeopardy clone that stores user game stats.
- Primary responsibilities included designing and deploying the front-end jeopardy game utilizing DOM manipulation to track score, questions, timers, and board state.
- Independently learned Socket.io beyond course scope to incorporate multiplayer functionality.
- Project built with JavaScript, Node.js, Express, PostgreSQL, Bootstrap, Socket.io, HTML, and CSS.

Is It Raining on Your Parade | rainyparade.josephmcwhorter.com

Dec 2019

- Led a 3-person development team for a quality of life website that combines local events with weather forecasts.
- Site presents event and weather data dynamically based upon location entered by utilizing front-end RESTful API requests and a mobile-responsive layout.
- Project built with HTML, CSS, and JavaScript.

## Education

DigitalCrafts | Certificate in Software Engineering | Atlanta, GA

Nov 2019 - Mar 2020

- Software engineering training program covering full-stack web development including JavaScript and Python with an emphasis on cutting-edge frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL.

University of Georgia | B.S. in Genetics | Athens, GA

Aug 2009 - Dec 2015

## Professional Work Experience

Mimedx | Operations Team Lead | Atlanta, GA

Oct 2017 - Feb 2019

- Managed and directly oversaw a biotechnology laboratory with 20+ processing technicians.
- Increased overall tissue yield by 40%, which reduced overtime hours from 25% to nearly zero.
- Converted tissue processing to be GMP compliant, which allowed Mimedx to sell products in overseas markets.

Mimedx | Tissue Processing Technician | Atlanta, GA

Jul 2016 - Oct 2017

- Processed placental tissue in an aseptic environment to provide human allografts for general wound care.
- Yielded 20% more tissue per donor than the average processor, which saved the company \$1,000+ daily.
- Worked quickly and with a keen eye for detail in a fast-paced environment with minimal errors.

SBS Co-Op of Athens | Quality Assurance Analyst | Athens, GA

Feb 2016 - Jul 2016

- Provided 50-100 transcriptionists with feedback and guidance to improve transcription.
- Taught new quality assurance analysts how to provide proper feedback and monitored overall company adherence to SOPs and HIPAA guidelines.

SBS Co-Op of Athens | Financial and Legal Transcriptionist | Athens, GA

Apr 2014 - Feb 2016

- Transcribed over 50,000 financial and legal dictations using strong industry jargon while minimizing errors.

## Personal Achievements

- Hiked the 2,192 mile Appalachian Trail from Georgia to Maine from Feb 2019 to August 2019.
- Eagle Scout