

Jonathan Joe

Software Developer

jonathanjoe.xyz | github.com/JonathanDonJoe | linkedin.com/in/jonathandonjoe
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Skills/Software

JavaScript | HTML | CSS | React | Redux | Express.js | Node.js | Python | MySQL | PostgreSQL | AWS
| GitHub | Bash | Java | MATLAB | 3D CAD SolidWorks

Education

Georgia Institute of Technology, Atlanta, GA

Aug 2009 - May 2013

B.S. in Biomedical Engineering

DigitalCrafts - Full-Stack Web Development Program, Atlanta, GA

Jun 2019 – Oct 2019

Certificate of completion in an immersive 16-week course covering HTML, CSS, JavaScript, and Python, including an emphasis on cutting-edge frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL.

Featured Projects

Homecookd | homecookd.us | github.com/JonathanDonJoe/homecookd

Oct 2019

- App connecting individuals with culinary enthusiasts for a home cooked meal
- Full stack application revolved around MySQL, Express.js, React-redux, and Node.js
- Utilizes Auth0 verification, Google Maps integration, Stripe payment, and live messaging

Senpai Search | senpai.jonathanjoe.xyz | github.com/JonathanDonJoe/SenpaiSearch

July 2019

- Anime theme site where users can search for songs to various anime.
- Front-end development project integrating the Jikan API and Youtube API
- Built using HTML, CSS, and JavaScript

Sweet Hub | sweet.jonathanjoe.xyz | github.com/JonathanDonJoe/SweetHub

Aug 2019

- A social website designed to bring individuals together to enjoy their favorite desserts
- Full-stack application creating a RESTful API
- Built using PostgreSQL, Express.js, EJS, Node.js, HTML, CSS, and JavaScript

Experience

DigitalCrafts, Atlanta, Georgia

Nov 2019 - Present

Developer-in-Residence

Assist in the cultivation of students breaking into the field of web development:

- Mentor students in command line, HTML, CSS, JavaScript, Node.js, PostgreSQL, Express.js, and React/Redux
- Prepare and lead weekly algorithm segments focusing on problem solving, whiteboarding, team-building, and oral presentation

Georgia Institute of Technology, Atlanta, Georgia

Jan 2013 - May 2013

Capstone Senior Design Biomedical Engineering Team Leader

Designed, modeled, and created a working prototype of the Free2Wii, a modified headset designed to allow tetraplegic patients full access of a Nintendo Wii controller:

- Led a multidisciplinary Biomedical & Electrical Engineering team by delegating tasks, managing group interactions, and facilitating goal-setting
- Maintained detailed documentation and attended biweekly consultations with client

Emory University, Atlanta, Georgia

May 2011 - May 2013

Research Assistant in the Department of Neurosurgery

Conducted *in vivo* studies on the effectiveness of micro- and macroelectrodes in Hippocampal DBS:

- Performed multiple DBS surgeries and perfusions on rats
- Collected, compared, and analyzed data from stained brain slices
- Completed basic hardware and software troubleshooting