

# Jonathan Joe

## Software Developer

jonathanjoe.xyz | github.com/JonathanDonJoe | <https://www.linkedin.com/in/jonathandonjoe/>  
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## 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 – Oct 2019

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](http://homecookd.us) | [github.com/JonathanDonJoe/homecookd](https://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](http://senpai.jonathanjoe.xyz) | [github.com/JonathanDonJoe/SenpaiSearch](https://github.com/JonathanDonJoe/SenpaiSearch)

July 2019

- Anime themes site where users can search for openings and endings 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](http://sweet.jonathanjoe.xyz) | [github.com/JonathanDonJoe/SweetHub](https://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*

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

- Mentored students in command line, HTML, CSS, JavaScript, Node.js, PostgreSQL, Express.js, and React/Redux
- Prepared and led a weekly algorithm segment focused on problem solving, whiteboarding, team-building, and oral presentation

### Georgia Institute of Technology, Atlanta, Georgia

*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 and with regular progress reports

### Emory University, Atlanta, Georgia

*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
- Adhered to IACUC guidelines and requirements

## Skills/Software

- Skills: JavaScript | HTML | CSS | React | Redux | Express.js | Node.js | Python | MySQL | PostgreSQL | AWS | GitHub | Bash | Java | MATLAB | 3D CAD SolidWorks
- Leadership Skills: task-delegating, team-building, problem-solving