

# DANIEL SOMOROV

## FULL STACK SOFTWARE ENGINEER

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**Languages:** JavaScript, Python, Java, C#, HTML, CSS, SQL, Arduino

**Frameworks/Tools:** React, Redux, Express, Sequelize, NodeJS, SocketIO, Flask, SQLAlchemy, PostgreSQL, SQLite3, GitHub, AWS S3

**Key Skills:** Pair Programming, Object-Oriented Programming (OOP), Test-Driven Development (TDD), Team Leader, Code Communication, Database Management, Full Stack Development

## PROJECT EXPERIENCE

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**Super Treats** | React | Redux | Flask | AWS | SQLAlchemy | PostgreSQL | Javascript | Python [GitHub](#) ■ [Live](#)

- Built an eCommerce site with multiple carts and intuitive UI for an organized and straightforward user experience.
- Utilized AWS S3 buckets for a robust and scalable image upload and storage system.
- Carefully considered specialized React components and Redux state to seamlessly and unobtrusively update web pages.

**Concord** | React | Redux | Flask | SQLAlchemy | SocketIO | PostgreSQL | Javascript | Python [GitHub](#) ■ [Live](#)

- Collaboratively planned, programmed, and documented and fully functioning Discord clone within one week utilizing principles of pair programming and a git workflow.
- Implemented WebSockets to enable instant communications within servers and direct messages between users.

## WORK EXPERIENCE

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**Research Engineer** | *Katz Water Technologies* | Houston, TX

May 2021 - Feb 2023

- Project lead for assembly, testing, and analysis of solar and gas powered thermal distillation units.
- Met with business collaborators to discuss progress, set milestones, and strategize solutions.
- Prepared technical descriptions of system components, operations, hazards, and troubleshooting.
- Provided research literature and calculations to grant proposals and funding applications.
- Programmed system automation via PLCs, data analysis / visualizations, and Arduino sensor devices.

**Legal Clerk** | *Halmagean PLLC* | Houston, TX

May 2019 - Nov 2019

- Drafted light legal paperwork such as subpoena and affidavit packages.
- Supported team by solving a wide range of administrative and technology related problems.
- Multi-tasked responsibilities in a fast-paced and short-handed office environment.

**Physics Teaching Assistant and Tutor** | *Grinnell College* | Grinnell, IA

Aug 2018 - May 2019

- Simplified complicated ideas through clear communication and step-by-step problem solving.
- Advised students on better study habits and available resources for more effective learning.
- Coordinated with professors to facilitate student growth and understanding.

**Lab Technician** | *CAVU Biotherapies* | Houston, TX

Jul 2018 - Aug 2018

- Installed equipment critical to a biological research lab such as incubators and spectrometers.
- Created guides and SOPs to help future researchers operate new equipment.
- Maintained a sterile working environment to support cell research for cancer therapies.

## EDUCATION

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**Full Stack Software Engineer** ■ *App Academy Bootcamp* | Online

Feb 2023 - Aug 2023

**Master of Energy Systems** ■ *Northeastern University* | Boston, MA

Jan 2020 - Dec 2021

**Bachelor of Physics, Bachelor of Chemistry** ■ *Grinnell College* | Grinnell, IA

Aug 2015 - May 2019