

HUNTER BERNIER

CONTACT



Birmingham, AL 35242



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SKILLS

- MATLAB
- Scripting Languages: Python and JavaScript
- HTML/CSS
- Git Workflow
- Debugging and Troubleshooting
- REST API Design Knowledge
- Team Collaboration
- Django framework competence
- Responsive design
- PostgreSQL database knowledge
- React.js

CERTIFICATIONS

- Certificate in Neural Engineering from Duke University
- Javascript Algorithms and Data Structures Certificate from FreeCodeCamp
- Back End Development and APIs Certificate from FreeCodeCamp

Well-qualified Full Stack Developer familiar with a wide range of programming utilities and languages. Knowledgeable of backend and frontend development requirements. Dedicated to achieving demanding development objectives according to tight schedules while producing reliable code. Detail oriented with strong organization skills which will serve best when working with a team.

Github: github.com/HmBernier55

WORK HISTORY

July 2023 - January 2024

Junior Full Stack Developer *Operatic*, New York, NY

- Enhanced user experience by designing and implementing responsive web applications using HTML, CSS, JavaScript, and jQuery.
- Improved code quality by conducting thorough peer reviews and providing constructive feedback to team members.
- Demonstrated adaptability by quickly learning new technologies as required for specific project needs.
- Worked with Django Framework and PostgreSQL databases

April 2022 - December 2022

Graduate Researcher *Duke University - Biomedical Engineering*, Durham, NC

- Partnered with research team to strategize research and develop specific plans.
- Worked as a member of an integrated project team in a highly collaborative work environment.
- Compiled and synthesized data to identify larger trends and research patterns impacting area of study.
- Prepared summaries of research data for use in meetings and presentations.
- Wrote and maintained code for data analysis.

July 2020 - July 2021

Intern *Andrews Sports Medicine And Orthopaedic Center*, Birmingham, AL

- Assisted surgeons and fellows in writing abstracts for their research projects.
- Gathered, organized and input information into digital database.
- Interacted with patients by phone or email to obtain patient information.
- Screened patient records, databases, and physician referrals to identify prospective candidates for research studies.

EDUCATION

December 2022

Master of Science Biomedical Engineering

Duke University, Durham, NC

- Relevant Coursework: Medical Software Development
- 3.88 GPA
- Research Project: Stroke Research, Worked with 3D tracking software (DANNCE) to study mice behavior before and after a stroke

May 2020

Bachelor of Engineering Mechanical Engineering

Auburn University, Auburn, AL

- Dean's List: Fall 2016, 2017, 2018 & Spring 2017, 2018
- Founder's Scholarship Recipient
- Dynetics Inc. Annual Scholarship Recipient
- American Cast Iron Pipe Company Annual Scholarship Recipient
- Awarded O'Neal Austin Best Student Award in Statics and Dynamics
- 3.96 GPA