Carl Kogstrom

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Recent Computer Science graduate with two years of experience in building front-end interfaces with ReactJS and back-end REST APIs with Django. I am looking to join a team that will challenge me to expand my skillset while prioritizing communication and collaboration.

EDUCATION

University of Florida B.S. Computer Science   GPA: 3.92   June 2017 - December 2021
   - Minor: Chemistry
   - Relevant Coursework: Performant Programming in Python, Database Systems, Network Analytics and Machine Learning, Discrete Mathematics, Data Structures and Algorithms, Computational Linear Algebra
   - Honors: College of Engineering Dean's List, Presidential Honor Roll, National Merit Scholarship

TECHNICAL EXPERIENCE & PROJECTS

Godusi Platform – Full-Stack Developer   April 2021 – Present
   - Designed a REST API using the Django framework capable of:
      - Handling user creation and authentication
      - Handling user uploaded information and files
      - Interfacing with a PostgreSQL database
   - Constructed a front-end interface using the ReactJS framework using:
      - Redux/Saga to handle state and API calls
      - The principles of Material Design to build out the UI
   - Deployed Godusi leveraging:
      - Google Cloud Platform for hosting
      - Github actions for pipelining
      - Nginx as a reverse-proxy

Miller Biomechanics Lab at UF – Lab Developer   May 2021 - December2021
Lab Developer
   - Collaborated with a team working on an app suite to aid orthopedic surgeons in understanding the pathology of shoulder images
   - Leveraged OpenCV and Pytorch for image segmentation and image registration tasks

NON-TECHNICAL EXPERIENCE

University of Florida Rowing Team – Coxswain   January 2018 - December 2021
   - Cultivated time-management skills balancing 18 hours of practice per week with engineering coursework
   - Developed skills as a coach, mentor, motivator, and teammate

SKILLS

Languages: Python, JavaScript, SQL, C++, Java, CSS, HTML
Tools: Git & GitHub, Bash/UNIX, ChromeDevTools, AWS, Google Cloud Platform, NGINX
Libraries and Frameworks: Django, React, Pandas, Matplotlib, PyTorch, Node.js, scikit-learn,
Soft Skills: Leadership, teamwork, creative problem solving, communication, adaptability