BAILEY LEAVITT

Junior Software Engineer

BaileyCodes | Email | GitHub | **Cell: (615) 596-5328**

PERSONAL STATEMENT

I am a creative, ambitious software engineer with a high attention to detail and a drive for excellence. I hope to find a company whose mission aligns with my personal values of *integrity*, *determination*, *curiosity*, *humility*, and *compassion*. I put my best foot forward regardless of my position, am a quick study, and am looking forward to finding my first role in software engineering, as I know I will be a great asset to the team I join.

SKILLS

HTML5, CSS3, JavaScript, Python, React, React Hooks, React Redux, ArduinoIDE/C++, NodeJS, Express, Flask, PostgreSQL, Sequelize, REST APIs, Git/GitHub, Microsoft Suite, Spreadsheets (Multiple suites), Data Analysis, User Acceptance Testing, Continuous Improvement, Public Speaking, Communication, Training, Team Management, Leadership, Experimental Design

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PROJECTS

NERDY NOMAD

Resource web-app connecting users with a database of science centers in all fifty United States (plus DC). This was my final capstone project in General Assembly's Software Engineering Immersive (GA's SEI) bootcamp. Created using the PostgreSQL/Express/React/Node.js (PERN) stack. Next version release will include an interactive mapping API.

RETRIEVER

Pet rescue web-app targeted towards exotic and under-appreciated/under-served pets. I served as the GitHub project manager, and was responsible for all pull requests, merges, version control, and deployment. I also served as the lead on the backend team. This capstone project was a group effort in GA's SEI bootcamp, and created using the PERN stack. Next version release will include significant mobile optimizations and bug fixes on the desktop site.

RELEVANT EXPERIENCE

DIGITAL MARKETING LEAD, DOT READINESS GROUP, JAN 2013- JAN 2019

- Lead content edits and optimizations for B2B compliance course curriculum, website content, and email blasts.
- Increased email click-through rates (from 0.5% to 2%) and open-rates (from 15% to 45%).
- Created unique tracking/analytics solutions for content, technical, and on-page Search Engine Optimization (SEO).

EDUCATION & OUTREACH STAFF, SANFORD UNDERGROUND RESEARCH FACILITY (SURF), AUG - NOV 2017

- Provided proof-of-concept models and feedback for statewide K-12 science curriculum development program.
- Completed User Acceptance Testing to assess UX/UI and conducted QA testing of beta E&O web app.

LOW-BACKGROUND COUNTING RADIOPHYSICS INTERN, SURF MAY - AUG 2017

- Designed pneumatic diagrams for N_2 system to support high-purity Germanium detectors within class 1000 cleanroom.
- Became proficient at a restricted gamma-ray spectroscopy analysis program, atypical for undergraduate students.
- Gained enough trust and responsibility to become the first undergraduate in the international search for dark matter experiments (LUX/LZ) to handle a critical component for background counting (photo-multiplier tubes for LZ detector).

MICROBIOLOGY TEAM LEAD, NASA ASCEND! PROGRAM, DEC 2015 - MAY 2016

- Lead the Microbiology Team in complex experimental design (DOE) and presented DOE at NASA-sponsored conference.
- Primary point-person in inter-departmental collaboration between the Biotechnology and Engineering Departments.
- Team lead for multivariate design of experiment (DOE) and basic multivariate analysis.

SUPPLEMENTAL INSTRUCTION LEADER, GLENDALE COMMUNITY COLLEGE, DEC 2013 - MAY 2017

- Enabled dozens of advanced-level Calculus and Biology students to have that "ah-ha" moment.
- Raised grade averages of participating students by ~10%, and decreased course drop rates by ~10%.
- Built a custom Google Sites website as a communication tool for my students.

OUTDOOR ENTERTAINMENT EVENT MANAGEMENT, OABA COMPANIES, MAY 2000 - SEPT 2019

- Consistently increased sales across multiple departments (by minimum 10%) through speedy, exceptional service.
- Supervised game booths and food stands, and trained and managed small teams during high-pressure events.
- Cross-trained in multiple departments, constantly pivoting from one role to the next, as needed.

EDUCATION

GENERAL ASSEMBLY (2021)	Software Engineering Certification
GLENDALE COMMUNITY COLLEGE (2017)	Associate in Biomedical Engineering	Associate in Science (4.0 GPA)