

# KRISTOFER BUNO

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## EDUCATION

**University of Florida**, *College of Engineering*  
B.S. in Computer Science  
**GPA: 3.92**

Gainesville, FL  
December 2022  
*National Merit Scholar*

## SKILLS

Languages: JavaScript / TypeScript, HTML5/CSS3, Python, SQL, Java, C++, C,  
Tools: Jira, React, Angular, Git, Docker, AWS, Unity, npm, pip

## EXPERIENCE

### Lucid Software

Remote

*Software Engineer Intern [Data Infrastructure]*

May 2021 - Present

- Delivered *Timelines*, an internal data analysis / debugging tool designed for data analysts and engineers to trace back events by user ID on Lucid products
- Wrote ETL jobs from SQL to Snowflake using **Scala** and automated scheduler files with **Python** scripts, providing up-to-date product data to data scientists and analysts nightly
- Implemented highly-requested features into the Data Infrastructure team's internal software suite

### University of Florida

Gainesville, FL

*Software Developer*

Sep 2019 - Aug 2020

- With another developer, released a fully functional web app for academic researchers to catalogue patients, enabling UF to source MRI training data for Parkinson's disease image processing
- Designed data models using Unified Modeling Language (UML) to characterize how user data, patient data, and patient subdata should be stored and accessed by our API
- Refactored API to use lazy initialization of patient data, slashing ~5s page load times to <1s

### Lockheed Martin

Orlando, FL

*Software Engineering Intern*

Jun 2019 - Aug 2019

- Developed on a data-at-a-glance dashboard in **Angular** / **TypeScript** for a global sales team and shipped *Holidays*, an interactive 5-day timeline with local holidays and corporate events
- Architected a RESTful API in Node.js to execute SQL queries in parallel, then shaped holiday and corporate event data in **TypeScript** through an abstract factory pattern
- Coordinated pair programming sessions, empowering other interns to learn the team's tech stack while expanding on features in the *Holidays* module

### Lockheed Martin

Orlando, FL

*Software Engineering Intern*

Jun 2018 - Aug 2018

- Engineered a web app enabling users to quantify decision-making using comparison matrices
- Incorporated caching and auto-loading of decision data using browser-standard storage APIs

## PROJECTS (AVAILABLE AT [HTTPS://GITHUB.COM/KRISTOFERBUNO/](https://github.com/kristoferbuno/))

### Song Analyzer Python, NLTK, React, JavaScript

- Employs machine learning techniques to classify a song's appropriateness in four categories
- Calls **Genius API** to retrieve song metadata; web-scrapes lyrics from Genius website
- Trains machine learning model (Naive Bayes) with 60 songs and caches data for quick deployment
- Serves concurrent HTTP requests with Unicorn server built on top of Flask, written in **Python**
- Employs a RESTful API containerized using a **Docker** image and deployed to **AWS Lightsail**
- Front-end built with **React**; deployed using CI/CD pipeline from GitHub to **AWS Amplify**

## HONORS

### Benacquisto Scholarship Program

2019

Merit-based scholarship awarded by the state of Florida by qualifying as a National Merit Scholar

### Presidential Scholarship

2019

Admissions scholarship awarded by UF to the top 0.1% of freshman applicants