

# Nathaniel Lyra

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DoD Clearance: Secret, Active

Kaggle: [kaggle.com/nathaniellyra](https://kaggle.com/nathaniellyra)

LinkedIn: [linkedin.com/in/nlyra](https://linkedin.com/in/nlyra)

GitHub: [github.com/nlyra](https://github.com/nlyra)

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## SUMMARY

Enthusiastic learner with 4 years of programming experience who avidly persists new challenges, is passionate about helping others, and enjoys working in a fast-paced, team-oriented environment.

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## COMPUTER SKILLS

### Languages

- Fluent in: C, C#, Java, VB.NET, React, React Native, HTML, CSS, JavaScript, Python
- Familiar with: C++, Haskell, Erlang

### Software

- Database: SQL Server, MongoDB, Google Firebase, Microsoft Access
- Tools: GitHub, Visual Studio Code, Atlassian tools (Jira, Confluence, etc.)

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## PROFESSIONAL EXPERIENCE

### Software Engineer, *Lockheed Martin*

Jun 2019 - Present

*Engineering Process Group - Missiles and Fire Control, UCF College Work Experience Program*

- Designing and developing full stack applications to further engineering processes and solutions using C#.
- Active Agile team member involved in the daily scrum and sprint processes utilizing Jira and Confluence to maintain product lifecycle quality.
- Maintaining and modifying various local and production databases for data analysis and metrics visualization using SQL.

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## PROJECTS

### Project Manager, Senior Design, *Systems Engineering Toolkit - US Army*

Spring 2021 – Summer 2021

*React, MongoDB, Node.js, Express (MERN stack)*

- Implementing Agile methodologies to accelerate team efforts and development of a database-backed website designed to further systems engineering processes for the US Army.

Fall 2020

### Project Manager, *Financial Budgeting App*

*React Native, Firebase, Node.js, Express (FERN stack)*

- Leading team of 7 people in the product development of a mobile and web financial budgeting app, utilizing agile methodology. Professionally demonstrated project as a team to over 60+ people.

### UCF Annual Hackathon Project

Spring 2019

*Python, third-party APIs, GUI development.*

- Collaborating with a team and developing an application to collect data from users to display top restaurants in the area sorted by our custom-designed driving distance algorithm.

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## EDUCATION

### University of Central Florida, *Burnett Honors College*

Fall 2018 – Summer 2021

*Orlando, Florida*

- Bachelor of Science in Computer Science – *College of Engineering and Computer Science*, GPA: 3.7

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## OTHER

Former VP Fellowship - PTK Honors Society. Undergraduate Leadership Award. Passionate for serving community (300+ hours).