

# Luke Lackey

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## TECHNICAL SKILLS

**Languages:** Python • Java • JavaScript • HTML5 • CSS • SQL || **Frameworks/Libraries:** Flask • Jinja2 • NumPy • Pandas • Matplotlib • React • Express • Bootstrap || **Databases:** MySQL • MongoDB • Amazon DynamoDB || **Tools:** AJAX • REST API • JSON • Reinforcement Learning • MySQL Workbench • PostMan • Docker • AWS(EC2, ECR, ECS, RDS) • Git • Github • MS Office • Google Suite • Bcrypt • Regex

## TECHNICAL PROJECTS

**Blackjack Battlegrounds** | Full Stack Developer| Blackjack simulation application, built with **Python / Flask / AJAX / MySQL** | [Github](#)

- Engineered efficient game logic with **Python** employing a **Flask** framework to quickly deliver match updates
- Utilized **AJAX** to retrieve user login information and statistics storing them in the client for smooth client-side rendering
- Added **Reinforcement Learning** to train AI opponents for increased replayability
- Architected complex **MySQL** database to record player statistics and leaderboards updating after each match

**Meat Me in the Middle:** Flexitarian recipes app built with **MongoDB / Express / React / Node** | [Github](#)

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**Project 3:** App using **Java Stack** | [Github](#)

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## PROFESSIONAL EXPERIENCE

**Compliance Manager** || *Office of the Chapter 12 and 13 Trustee for the Eastern District of TN*  
(Aug 2020 - Dec 2021)

- Collaborated with compliance, audit, and legal teams to ensure compliance of nearly 15,000 unique bankruptcy plans
- Optimized department workflow with the implementation of reusable spreadsheet templates
- Met crucial filing deadlines despite changing bankruptcy laws and office policies

**Social Media Manager** || *Vagabond Sportfishing, Inc.*  
(July 2017 - Aug 2020)

- Created and managed social media accounts for a sportfishing vessel with over 500 yearly customers
- Monitored customer accounts, updating Access database to reflect current trip and payment statuses
- Reviewed payment transactions for trip deposits and merchandise sales, assisting customers with account inquiries

## EDUCATION

**Coding Dojo**

(June 2022 - September 2022)

**Arizona State University**

BA, Philosophy, *cum laude*

(August 2016 - June 2020)

**University of Sussex**

Exchange Program

(January 2019 - June 2019)