

# Jake Ryan

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## EDUCATION

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### Southwestern University

*Bachelor of Arts in Computer Science, Minor in Business*

Georgetown, TX

*Aug. 2018 – May 2021*

### Blinn College

*Associate's in Liberal Arts*

Bryan, TX

*Aug. 2014 – May 2018*

## EXPERIENCE

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### Megamind LLC-Full Stack Developer

June 2023 – July 2023

- Developed RealTime Advertising website for a prestigious Educational Academy.
- Enhanced expertise in Python Flask, Bootstrap, AWS, and DynamoDB.
- Contributed to a team effort, gaining practical web development experience.

### FORnSEC Solutions-Cybersecurity Analyst

May 2023 - June 2023

- Completed intensive training at a prominent cybersecurity firm, specializing in penetration testing and vulnerability assessment.
- Gained hands-on experience with advanced tools like Nmap for thorough network scanning and identifying potential vulnerabilities.
- Acquired expertise in executing SQL injection tests to evaluate database security, contributing to a robust understanding of cybersecurity practices.

## PROJECTS

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### Blog Web Application | *Python, Flask, Bootstrap, DynamoDB*

- Engineered a complete full-stack blog web application
- Designed an attractive and user-responsive frontend interface by implementing Bootstrap, enhancing the user experience.
- Employed DynamoDB to seamlessly store and retrieve data, optimizing the application's database management and overall performance.

### Weather Web Application | *ReactJS, Rapid API*

- Developed a weather application using React JS, demonstrating proficiency in front-end development and user interface design.
- Integrated API calls within the application to fetch real-time weather data

### Portfolio Website | *ReactJS*

- Developed a dynamic portfolio website using React JS, highlighting skills in responsive design, component-based architecture, and interactive user interfaces.

## TECHNICAL SKILLS

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**Languages:** C/C++,Python,Java,SQL,HTML/CSS,JavaScript,R

**Frameworks:** React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

**Developer Tools:** Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, Matplotlib