**Jake Ryan**  
123-456-7890 [jake@su.edu](mailto:x@x.com) [linkedin.com/in/jake](https://linkedin.com/in/...) [github.com/jake](https://github.com/...)

# Education

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| **Southwestern University** | Georgetown, TX |
| *Bachelor of Arts in Computer Science, Minor in Business* | *Aug. 2018 – May 2021* |

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| **Blinn College** | Bryan, TX |
| *Associate’s in Liberal Arts* | *Aug. 2014 – May 2018* |

# Experience

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| **Undergraduate Research Assistant** | June 2020 – Present |
| *Texas A&M University* | *College Station, TX* |

* + Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
  + Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data
  + Explored ways to visualize GitHub collaboration in a classroom setting

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| **Information Technology Support Specialist** | Sep. 2018 – Present |
| *Southwestern University* | *Georgetown, TX* |

* + Communicate with managers to set up campus computers used on campus
  + Assess and troubleshoot computer problems brought by students, faculty and staff
  + Maintain upkeep of computers, classroom equipment, and 200 printers across campus

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| **Artificial Intelligence Research Assistant** | May 2019 – July 2019 |
| *Southwestern University* | *Georgetown, TX* |

* + Explored methods to generate video game dungeons based off of *The Legend of Zelda*
  + Developed a game in Java to test the generated dungeons
  + Contributed 50K+ lines of code to an established codebase via Git
  + Conducted a human subject study to determine which video game dungeon generation technique is enjoyable
  + Wrote an 8-page paper and gave multiple presentations on-campus
  + Presented virtually to the World Conference on Computational Intelligence

# Projects

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| --- | --- |
| **Gitlytics** *Python, Flask, React, PostgreSQL, Docker* | June 2020 – Present |

* + Developed a full-stack web application using with Flask serving a REST API with React as the frontend
  + Implemented GitHub OAuth to get data from user’s repositories
  + Visualized GitHub data to show collaboration
  + Used Celery and Redis for asynchronous tasks

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| --- | --- |
| **Simple Paintball** *Spigot API, Java, Maven, TravisCI, Git* | May 2018 – May 2020 |

* + Developed a Minecraft server plugin to entertain kids during free time for a previous job
  + Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
  + Implemented continuous delivery using TravisCI to build the plugin upon new a release
  + Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

# Technical Skills

**Languages**: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, 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