Joshua Thomas

(630) 935-2685 ▪ joshkthom@gmail ▪ linkedin.com/in/joshua-thomas-29b1b9164/ ▪ https://github.com/jk-thomas

EDUCATION

University of Illinois at Chicago (UIC)   **Chicago, IL**
Bachelor of Science in Computer Science (Software Engineering), Minor in Economics   *Aug. 2021 - May 2024*
Triton College   **Melrose Park, IL**
Associate in Science in Computer Science (Information Systems)   *Aug. 2018 - May 2021*

SKILLS

Programming Languages: C, C++, Python, Java, Javascript, HTML/CSS, MATLAB, Stata, Bash/Shell
Software/Frameworks: Git, Jira, Jupyter, MySQL, PostgreSQL, React.js, Node.js, Android Studio, Flutter, MongoDB, Firebase, NumPy, Pandas, AWS
Misc: Windows Server, VirtualBox, Docker, OpenMediaVault, Portainer, QuantConnect
Other: Economics, Computer Information Systems, Accounting, Finance

CERTIFICATIONS

● **TestOut Certified Server Pro: Install and Storage**   *Issued by TestOut | Dec. 2019*
● **Certified Network+**   *Issued by Triton | Dec. 2020*
● **ETS MFT Computer Science Score: 170, 90th percentile**   *Issued by UIC | May 2024*

COURSES

Software Engineering I & II, Economics and Computation, Algorithms I, Artificial Intelligence I, Data Science, User Interface & Design, Development of Mobile Apps (Android), Database Systems, Linear Algebra, Numerical Analysis, Advanced Data Structures, Secure Web Application Development

EXPERIENCE

Tolv Solutions   **Des Plaines, IL**
Software Developer Intern (React, MySQL, AWS)   *Aug. 2024 - Present*
  - Fullstack web dev and IT solutions, improving efficiency, performance, and cost savings
  - Participated in Agile development practices, improving service quality and team collaboration

University of Illinois College of Medicine Rockford   **Rockford, IL**
Software Developer Intern (Jupyter, Python)   *May 2024 - Aug. 2024*
  - Assisted in developing a cancer prediction program, initially using procedural data processing algorithms and transitioning to machine learning, to accompany a graduate research project

PROJECTS

ValetConnect *(React, Bootstrap, Node.js, PostgreSQL, Docker, Firebase, AWS)*   *Jan. 2025 - Present*
● Personal project, messaging service targeted toward the valet industry, developing a real-time valet management system enabling instant messaging between customers, valet attendants, and management.

Silent Spaces Locator *(Java)*   *Aug. - Dec. 2023*
● Developed an Android application in a team of four that allows users to find nearby silent locations
● Performed a front-end and back-end role in developing the UI and audio-level algorithm

Mission EMR *(Flutter, Dart)*   *Jan. - May 2024*
● Android development project in a team of four aimed at providing accessible healthcare in conflict zones, particularly in collaboration with nonprofit organizations
● Flutter development, performed a front-end/back-end role, developed UI and Hive database systems

PROFESSIONAL ASSOCIATION

UIC Formula Society of Automotive Engineers (FSAE)   *Jan. 2022 - June 2024*
  - Formula systems team member
  - Sensor data management, simulation tools/software, EL Console

UIC SparkHacks Hackathon   *Feb. 2024*
  - Stay Safe Project

UIC Google Student Developer Club (GDSC)   *Aug. 2022 - May 2024*
UIC Association for Computing Machinery (ACM)   *Aug. 2022 - May 2024*
UIC Quantitative Trading Club   *Feb. 2023 - May 2024*