Jaden Lewis

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EDUCATION

Clark University **GPA** 3.90 **May 2026**

B.S. in Computer Science, Data Science, Minor in Mathematics *Worcester, MA*

Relevant Courses: Software Engineering, Database Management & System Design, Mobile Software Development, Assembly & Computer Organization, Analysis of Programming Languages, Algorithms, Intro to Quantitative Finance, Stochastic computing, Stochastic Computing, Computer Networks, Data Structures, Distributed Systems, Automata Theory

TECHNICAL SKILLS

Languages: Python, **Java**, JavaScript, Typescript, **SQL,** C, Kotlin**,** OCaml**, HTML, CSS,**
Technologies: Docker, React.js, Node.js, Django, Firebase, React.js, REST API
Tools: Git, AWS, Bash, Jira, Pandas, Jupyter,

EXPERIENCE

Hanover Insurance **Jun. 2025 - Aug. 2025**

Cyber Underwriting Intern *Hartford, CT*

Clark University Department of Data Science **Feb. 2025 - Present**

Data Science Assistant *Worcester, MA*

- Collaborate with faculty on research projects, contributing through analysis and visualization
- Developed full-stack web application for local painting company through department's community initiatives
- Leading redesign of Data Science department website, will serve 300+ students and faculty with improved resource access
- Implemented responsive UI/UX design using React.js and css frameworks, increasing engagement

Clark University Department of Computer Science **Aug. 2024 - May. 2025**

Peer Learning Assistant *Worcester, MA*

- Provide academic support through 8 weekly office hours for 30+ students in CS courses
- Lead review sessions covering data structures, algorithms, and Computer Science topics
- Assess programming assignments and exams focusing on algorithm efficiency and optimization
- Collaborate with faculty to improve course materials and work with automated testing

PROJECTS

Offline P2P Digital Payment System | Python, QR Code, Hashing, Recovery, Cryptography, UX/UI Design

- Designed and built a secure offline peer-to-peer payment system in Python, with a strong focus on cryptography, security, and data protection
- Implemented custom hashing and logging mechanisms to ensure transaction integrity and enable user data recovery
- Handled edge cases to ensure system reliability during offline usage and unusual transaction scenarios

Analyzing Global Education Inequality and Impact | Pandas, NumPy, Data Cleaning, Visualization, Statistical Modeling

- Conducted statistical analysis on global datasets to uncover inequality patterns aligned with UN Goal 4
- Cleaned and integrated data from UNESCO, World Bank, and UNICEF to enable careful analysis and visualization
- Explored relationships between government spending, economic disparity, and social issues (e.g. bullying) on dropout rates
- Created data focused visualizations and reports to convey insights on educational access and equity across regions