

Digital Artefacts

Position Available: [Software Engineering Internship](#)

Type of position: Full or part time

Overview:

We're looking for undergraduate or graduate computer science and engineering students for full or part-time internships in our downtown Iowa City office.

Digital Artefacts is a leading software and engineering firm at the forefront of modern technology. We're driving technological innovation and advancement in digital health, transportation, and scientific education. Our company was founded in 1999 by students and faculty from the University of Iowa department of computer science.

Digital Artefacts designs and develops software, multimedia and engineering solutions for everyone from startups to Fortune 100 companies. We're a developer-driven software firm with a multidisciplinary team of engineers, artists, and designers.

Responsibilities

- Build software using the following technologies: React, Redux, Python, GraphQL, and PostgreSQL
- Learn about and recommend new technologies for different software objectives
- Program user interface components for web applications
- Work in an agile based software development using JIRA for sprint planning and issue tracking

Education/Experience

- Senior or Graduate student pursuing degrees in Engineering or Computer Science
- Proficient in HTML/CSS
- Familiar with React and Python
- Experience working with sensor data

We hope to hear from you!

- Ability to demonstrate communication and teamworking abilities on a multi-month project
- Self-motivated software engineer interested in solving technological problems to produce high quality software
- Strong documentation skills

Digital Artefacts

Position Available: Full stack software engineer

Type of position: Full Time

Overview:

Digital Artefacts is a leading software engineering firm at the forefront of modern technology. We're driving technological innovation and advancement in digital health, transportation, and scientific education. The company was founded in 1999 and produces software for everyone from startups to Fortune 100 companies. Digital Artefacts is a developer-driven software firm with a multidisciplinary team of engineers, artists, and designers. If hired, the candidate will be based out of Iowa City, IA.

Responsibilities:

- Build custom software using the following technologies: React, Redux, Swift, Objective-C, Python, GraphQL, and PostgreSQL.
- Design and implement database architectures for new software platforms as well as modifications to existing systems for new features.
- Design and implement APIs.
- Lead technology choices on projects based on time, resources, and best fit for the project objectives.
- Code review with team members to ensure implementation matches design.
- Documentation of system design.

Education/Experience:

- Advanced degree in Engineering or Computer Science is preferred, Bachelor's degree in one of those fields is required.
- Proficient in React, Python, and PostgreSQL.
- Familiar with Swift, Objective-C and Redux.
- Experience designing and implementing an API for customer facing software.
- Experience architecting database schemas for released features or products.
- Familiar with Git and JIRA.

Skills

- Ability to work as a team player on team based development projects.
- Self-motivated individual who can solve technological problems to produce high quality software.
- Strong communication and documentation skills

We thank you for your interest in Digital Artefacts and we hope to hear from you!