Christopher M. Groth

Full Stack Web Developer

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Skills

HTML	Git
JavaScript	GitHub
CSS	MySQL
TypeScript	jQuery
React.js	C++
RESTful APIs	Express
Sequelize	Graph QL
Mongo	Unit testing
Node.js	Python basics
Bootstrap	OOP
Chakra UI	NoSQL
Wireframing	PERN Stack
Bulma	Mern Stack
Copilot	

Education

University of Minnesota 2024
Certificate of Completion in Full Stack Flex Web Development

University of Minnesota 2015
MFA in Sculpture with a Certificate of Teaching in Higher Education

St. Olaf College 2010
Post-Baccalaureate Internship (Art Apprenticeship)

St. Olaf College 2009
BA in Studio Art with a Concentration in Management Studies
Honors: Cum Laude with Distinction in Studio Art

Overview

Christopher is a Full Stack Developer with a background in the arts and education, bringing a unique perspective to problem-solving, collaboration, and innovative web development. A recent graduate of the University of Minnesota Full Stack Flex Web Development Bootcamp, Christopher has hands-on experience building MERN and PERN stack applications, integrating APIs, and managing both SQL and NoSQL databases using tools like Sequelize and MongoDB.

Full Stack Experience

- Full Stack Application development (MERN & PERN): *Develop user-centered mobile first stacks leveraging React.js, Express.js, Node.js, MongoDB, and Sequelize.*
- Database management: *Utilize Sequelize and Mongodb to maintain efficient and scalable data handling.*
- Agile Methodology and Collaboration: *Exhibit active participation in daily stand-ups, planning, and reviews.*
- Debugging and Optimization: *Diagnose, resolve, and refactor using browser inspection tools, logging, and debugging scripts.*
- Version Control & CI/CD: *Manage codebases in GitHub implementing GitHub Actions for integration and delivery, while ensuring robust test coverage.*
- RESTful APIs: *Establish secure and efficient data transmission.*

Relevant Professional Experience

Full Time Visual Arts Faculty October 2018 - August 2024
Idyllwild Arts Academy, Idyllwild, CA

- *Develop and implement collaborative curriculum*
- *Cross-departmental communication and coordination to facilitate effective mission driven programming*
- *Manage grant funded Masterclasses and ventures including kinetic arduino controlled installations*
- *Implementation of DEIB curriculum*
- *Coordinate and conduct international workshops and institutional promotion*

Artist and Instructor in Residence July 2012 - October 2018
Leonardo's Basement, Minneapolis, MN

- *Develop STEAM oriented design-build courses and workshops for clients*
- *Manage budgets and personnel for operations*
- *Collaborate with clients and patrons to develop interactive public events*