

Daniel Flores

- **Date of birth:** 12-11-1978 • **Nationality:** USA
- **Address:** North Mystic View Place 12825, Oro Valley 85755, United States • **Phone number:** 5208330249
- **Email address:** daniel.flor3s.d@gmail.com • **Web:** danielfloresd.com



Profile

Innovator and software engineer with 20 of experience in the design, development, and implementation of embedded systems. Experienced in all aspects of the business from start-up, development, and operations. A strong believer in lifelong learning.



Work Experience

01/2019 – present
Tucson, United States

Director Of Business Development Safety Hexagon Mining

- Responsible for business development-related activities for the safety portfolio.
- Identify key corporate accounts through different areas, and present our company profile, technical qualifications, and financial offers.
- Able to do client servicing and opening up new sales accounts, manage account service, and develop new sales opportunities.
- Ensure timely delivery of services to clients.
- Maintain strong relationships with customers for future business growth.
- Successfully managed key client portfolio

02/2010 – 01/2019
Tucson, United States

Co-Founder and CTO Guardvant Inc

- Co-founder of mine technology start-up focused on the development of advanced computer vision systems for the detection of operator fatigue in mine equipment operators. Start-up was successfully acquired by Hexagon in 2018.
- Responsible for all aspects of the business from start-up, development, and operations.
- Led the development and market introduction of collision avoidance and machine operator fatigue monitoring systems for mining mobile equipment
- Led business development activities such as client proposals and presentations, developed prototypes and turned successful pilots into production systems.
- Built and managed the software and operations organization including software engineering, hardware engineering, and field deployment

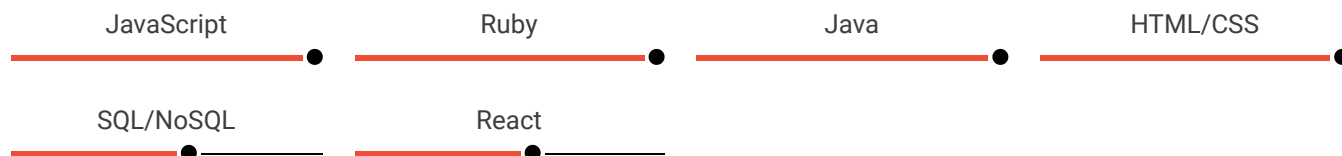
04/2004 – 02/2010
Tucson, United States

Senior Software Engineer Hexagon Mining

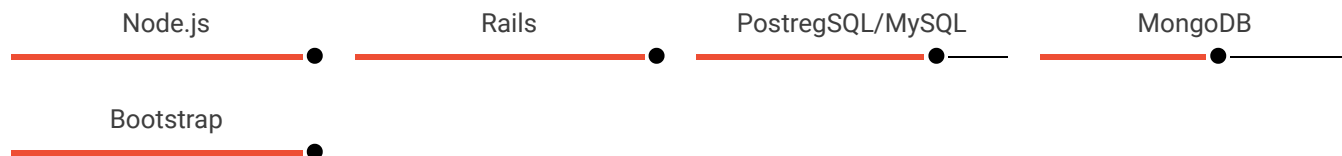
- Responsible for the development of fleet management systems (Jigsaw MineOps) for the mining industry.
- Design, implementation, and deployment of advanced high-precision GPS machine guidance systems for loading and drilling mining equipment.
- Led software development, system customizations, system deployments, and operations related to fleet management and HPGPS product line.
- Created and maintained technical documentation.
- Provided customer support.
- Trained and mentored junior engineers
- Excelled in rapid application development and management of technological issues for assigned projects.
- Work closely with clients to establish problem specifications and system designs.
- Used coding methods in specific programming languages to initiate and improve program execution and functionality.

Skills

- PROGRAMMING LANGUAGES



- TOOLS



Education

06/1997 – 05/2009
Tucson, United States

Mathematics | Bachelors
University of Arizona
Minor in Computer Science

09/2023 – present
Tucson, United States

Computer Science | Full Stack Flex Certification
University of Arizona

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handelbars.js, and ReactJS.

Patents

07/2019

CELLULAR PHONE AND PERSONAL PROTECTIVE EQUIPMENT USAGE MONITORING SYSTEM
US 10345103

12/2015

SYSTEM AND METHOD FOR DETERMINING A LEVEL OF OPERATOR FATIGUE
US 9198575