

# Jeffrey Arnell

## Full Stack Software Engineer



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👤 He/Him

🐙 <https://github.com/arnellja>

## 🎓 EDUCATION

### BAS Software Development

Utah Valley University

01/2020 – 12/2024 | Orem, UT

Gained valuable knowledge of and experience with various principles of software engineering and development frameworks. Worked with peers to deliver working projects as assigned by instructors. Received high grades, and was named on the Dean's List.

## 📁 PROJECTS

### Bioinformatic Research Application

Application that performs basic functions used in Bioinformatic research including visualization of translation, transcription, etc.

### Human Resource Management System

Mock HR management system for fictional company called "SycamoreHR".

## 👛 PROFESSIONAL EXPERIENCE

### Brigham Young University Administrative Solutions

Lead Full Stack Software Engineer

08/2021 – present | Provo, UT

- Lead out in development and maintenance of MEAN (MySQL, Express, Angular, NodeJS) stack and PHP Zend applications for various university administrative departments.
- Mentor junior developers and lead out in the use of Agile Scrum development methodology.
- Coordinate with clients regarding software system needs and necessary business logic.
- Led out in design, development and deployment of BYU Cell Phone Ordering and Management System ☑ catering to **40,000+ users**, with notable duties including:
  - Development of full-stack MEAN application.
  - Coordination with university stakeholders and various cellular service providers.
  - Implementation of integrations with university and service provider APIs.
- Led out in design, development and deployment of Performance Development Plan system ☑ used by all university full-time employees.

### Brigham Young University Administrative Solutions

Full Stack Software Developer

09/2020 – 08/2021 | Provo, UT

- Worked alongside other software developers to create and maintain MEAN stack and PHP Zend software applications for various administrative departments.
- Participated in an Agile Scrum methodology.
- Participated in meetings with clients to determine system requirements and business logic.
- Participated in development and deployment of Research Cash and Gift Card Request System ☑.

## 🧠 SKILLS

- TypeScript, JavaScript, PHP, Java, Python, Bash & C++.
- Angular, React, Vue & Zend.
- NodeJS & ExpressJS
- MySQL, PostgreSQL & MongoDB.
- GitLab CICD, Docker Containerization, Git & Linux Server Administration.