

Benjamin Protus

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FULL STACK SOFTWARE ENGINEER

TECHNICAL EXPERIENCE

Lead Software Engineer **Hewlett-Packard (HP)** **Feb 2021 – Present**

- Managed two web-based projects while leading a team of five engineers using the **Agile** paradigm
- Coordinated with senior program managers to determine development targets in two-week sprints
- Designed data compression and caching algorithms for 500% faster webpage load times
- Architected and implemented business solutions as well as bug fixes in **JavaScript**, **.NET (C#)** infrastructure
- Organized a variety of data sources into a cloud-based data warehouse on **AWS** using an ETL pipeline
- Produced benchmark data-integrity testing framework and documented how to recover from a disaster

Full Stack Software Engineer **TechEmpower, Inc.** **June 2019 – July 2020**

- Programmed intranet bug fixes and improvements using **Java**, **JavaScript**, **HTML/CSS**, and **SQL Server**
- Streamlined internal business resources to increase billing efficiency 58% and productivity by 33%
- Built the **Java/JavaScript** front-end of a contest website for a client, with over 2 million global contestants
- Created end-to-end blog application using a **React-Native** frontend and **Django REST API**, hosted on **AWS**

Website Project Manager **Tinco Sheet Metal Contractors** **May 2018 – May 2019**

- Led the company's complete website redesign utilizing **Agile** development and weekly **Scrum** meetings
- Communicated business needs with management, architected solutions, and delegated development tasks
- Created social media accounts that have engaged dozens of high-volume perspective clients
- Increased average monthly website traffic by 1200% and daily impressions from 4 to 400 using **SEO**

Software Engineer Intern **VidyaTech Solutions** **May 2017 – July 2017**

- Interfaced with **Unity** and **C#** scripts to create an art gallery application for the Microsoft HoloLens
- Documented and instructed engineers on best development practices for Augmented Reality (**AR**)
- Queried program data in a **Microsoft SQL Server** database using the company's database driven **REST API**

EDUCATION

B.S. in Computer Science Loyola Marymount University
Minor in Theater Arts • Dean's List Los Angeles, CA

SKILLS

Programming: JavaScript, C#, Java, Python, HTML/CSS, SQL Server, PostgreSQL, MongoDB, C/C++, Rust, Swift
Frameworks: .NET, Node.js, React Native, React.js, Svelte, Django, Pandas, TensorFlow, Unity, Terraform
Computer: Command line (bash), Version Control (GIT), AWS (S3, EC2, RDS), Docker, Windows, Linux