

LANGUAGES AND TECHNOLOGIES

- C#, TypeScript, JavaScript, Python
- Azure, AWS, Docker, Kubernetes, Azure DevOps, TeamCity, ASP.net, Angular, SQL Server, PostgreSQL, Git, SAP

EMPLOYMENT

Sr. Software Consultant **Accenture (Headspring)** **Jun 2021 - Present**

- Upgraded Ed-Fi's PowerShell scripts to version 7, bringing support to macOS and Linux development environments
- Developed a web application that identifies potential security risks and data protection requirements in Accenture's projects, which helps prevent security breaches and stay compliant with data protection laws

Sr. Software Consultant **Unosquare** **May 2020 – Jun 2021**

- Using ASP.net core and SQL Server, developed Axos Bank's account aggregation module, which syncs customers' bank accounts between financial institutions, letting them use the Axos app to manage all their bank accounts
- Built spending and net worth dashboards, savings recommendations, and forecasts using Angular 11

Software Consultant **Continental Automotive** **Aug 2016 – May 2020**

- Using Angular 6, ASP.net core, and SQL Server, developed a web app that allowed Mexico employees to fulfill everyday human resources tasks, like downloading payslips, requesting PTO, tracking overtime, etc.
- Created a data warehouse of production line failures and, using Python, implemented a machine learning algorithm that recommended maintenance schedules, which decreased their downtime by 15%
- Optimized many reports and decreased their generation time by an average of 75% by improving their time complexity from $O(n^2)$ to $O(n)$
- Decreased licensing costs by merging SAP instances. Using Python and Pandas, analyzed, merged, and migrated the DB tables
- Developed an SAP app that tracked quality incidents in Continental's products around the world and ensured that the incidents never recurred

Co-Founder **Anova** **Aug 2015 - Jul 2016**

- Created a responsive web app using Angular.js, ASP.net MVC, and SQL Server that enabled restaurant owners to forecast sales, track income and expenses, manage food waste, etc.
- Using Java and Raspberry Pi, built IoT devices that connected cheap POS printers to Anova's servers
- Created TeamCity pipelines that automatically tested, merged, and released software changes

Software Engineer Intern **Intel** **Nov 2014 - Oct 2015**

- Developed a web app using Angular.js, ASP.net MVC, and SQL Server that audited testers and ensured the correct usage of processor prototypes, which decreased the number of prototypes being illegally sold online
- Using Python, created a framework where testers could build load tests for processor prototypes under Windows and Linux

EDUCATION

Guadalajara, JAL **Universidad del Valle de Atemajac** **Aug 2012 – Dec 2015**

- BSc in Computer Science Engineering. GPA: 3.8.