

**MICHAEL GOAD**  
**SOFTWARE ENGINEER**

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**TECHNICAL SKILLS**

Node.js, React, Python, Java, SQL, Auth0, and familiarity with cloud services like AWS, Azure, and Heroku

**EDUCATION**

**George Mason University, Fairfax, VA** **September 2014 – December 2017**  
**Bachelor of Science (BS), Computer Science**  
**GPA: 3.62**

**Woodbridge Senior High School, Woodbridge, VA** **September 2010 – June 2014**  
**Advanced Diploma with a concentration in Computer Science**  
**GPA: 3.96**

**EXPERIENCE**

**Unannounced Startup, Seattle, WA** **July 2019 – March 2020**  
**Full Stack Software Engineer (Java, Node.js, MS Cognitive Services, Azure, Android Studio)**

- Researched, tested, and documented technology considered for use in a minimal viable product
- Defended architecture design choices during code reviews with engineers and stakeholders
- Designed and developed chosen minimal viable product for proof of concept for investors

**Dassault Systèmes, Bellevue, WA** **October 2019 – December 2019**  
**Learning Consultant (3DEXPERIENCE platform, PowerPoint, System Architecture)**

- Developed 500 pages on system architecture and configurations of the 3DEXPERIENCE platform
- Collaborated remotely with several teams of experts including artists, writers, and engineers
- Trained independently to learn the 3DEXPERIENCE platform and system architecture

**Willows Preparatory School, Redmond, WA** **August 2018 – July 2019**  
**International Baccalaureate Design Teacher (Python, Java, C++, HTML, CSS, JavaScript, 3D Printing)**

- Developed, taught, and evaluated curricula for over 200 students in 8 sections across 6-8<sup>th</sup> grade
- Restructured an old woodworking class into a computer science program with over 6 languages
- Achieved IB World School status after passing IB training, interviews, and observations

**STEM exCEL, Fairfax, VA** **April 2016 – June 2018**  
**STEM Instructor (Java, Python, CS & Coding, Game Design, Robotics)**

- Adapted and taught skeleton curricula to meet the educational needs of individual students
- Resolved behavioral issues while tracking and communicating student progress with parents
- Trained new instructors how to support leads and how to grow into leads themselves

**Bethel UMC, Woodbridge, VA** **June 2011 – July 2018**  
**A/V Technician (Windows, PowerPoint, Sound Board, Audio Equipment)**

- Set up and ran A/V equipment for weekly church services and musical performances

**Rockledge Elementary School, Woodbridge, VA** **September 2012 – June 2013**  
**Engineering & Robotics Coach (Lego Mindstorms)**

- Mentored a robotics team on coding and communication during practices and competitions

**Bethel UMC, Various Locations** **Summer 2011, 2012, 2014**  
**Volunteer Mission Worker**

- 2011: Toronto, Canada – Assisting and socializing with adults with special needs
- 2012: Carrillo, Costa Rica – House construction and community park beautification
- 2014: Carrillo, Costa Rica – Church construction and terraforming for community agriculture