

MICHAEL GOAD
SOFTWARE ENGINEER – WASHINGTON D.C.

michael.ryan.goad@gmail.com

[linkedin.com/in/m-r-g/](https://www.linkedin.com/in/m-r-g/)

github.com/MichaelRyanGoad

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
Bachelor of Science (BS), Computer Science
GPA: 3.62

September 2014 – December 2017

Woodbridge Senior High School, Woodbridge, VA
Advanced Diploma with a concentration in Computer Science
GPA: 3.96

September 2010 – June 2014

WORK EXPERIENCE

Unannounced Startup, Seattle, WA (Remote)

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

Velocity Consulting Solutions, Bellevue, WA

October 2019 – December 2019

Learning Consultant (3DEXPERIENCE platform, PowerPoint, System Architecture)

- Contract position at Dassault Systèmes through Velocity Consulting Solutions
- 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 6-8th 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

VOLUNTEER EXPERIENCE

Random Royale 222, Washington D.C. (Remote)

March 2021 – Present

Full Stack Software Engineer (TypeScript, JavaScript, Node.js, Express, React, DynamoDB, Heroku, Auth0)

- Translating product owner's business ideas into requirements for a minimal viable product
- Designing system architecture and developing UML for other engineers and stakeholders
- Developing frontend and backend code to support twitch authentication and e-commerce

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

LICENSES & CERTIFICATIONS

Introduction to AWS for Non-Engineers: 1 Cloud Concepts **December 2020**
LinkedIn

Introduction to AWS for Non-Engineers: 2 Security **December 2020**
LinkedIn

Introduction to AWS for Non-Engineers: 3 Core Services **December 2020**
LinkedIn

Introduction to AWS for Non-Engineers: 4 Billing and Pricing **December 2020**
LinkedIn

Prepare for the AWS Certified Cloud Practitioner Exam **December 2020**
LinkedIn

AlgoExpert Certificate of Completion **November 2020**
AlgoExpert.io

JPMorgan & Chase Software Engineering Virtual Experience **August 2020**
Forage

AWS and React: Creating Full-Stack Apps **July 2020**
LinkedIn

Become a MERN Stack JavaScript Developer **April 2020**
LinkedIn

Agile Software Development **October 2019**
LinkedIn

Learning S.O.L.I.D. Programming Principles **October 2019**
LinkedIn

Become a RESTful API Developer **September 2019**
LinkedIn