

# DAN WAGER

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## WORK EXPERIENCE

- Backend Software Engineer, Slope** 2015 – Present
- Designed and implemented a RESTful API for interfacing with front-end components
  - Developed a scalable video transcoding system in Javascript
  - Created a real-time browser notification system using RabbitMQ and socket.io
  - Maintained scalable deployment of all backend services running on Microsoft Azure
- Minecraft Multiplayer Server Developer & Owner, Eximius Gaming** 2013 – 2016
- Developed a scalable server network in Java that hosted over 700,000 unique players
  - Managed a team of 30 individuals hired for in-game player support
  - Implemented and maintained extensive player data tracking in MongoDB
- Android Software Developer, Verified Care Solutions** 2013 – 2014
- Developed a prototype Android application for Washington State's healthcare system
  - Complied with HIPAA regulations for sensitive patient data collection

## PERSONAL PROJECTS

- GiveMeAway** 2013
- Designed and created an application to aid giveaway drawings for YouTube videos
  - Implemented a parsing algorithm to work around YouTube's 1000-item API limit
  - Created a product website with PayPal callback integration
- AndroidLib** 2012 – 2015
- Created a .NET API written in C# for the Android Debug Bridge
  - Allowed developers to communicate with Android devices from .NET applications
  - Provided other developers with full documentation including example code

## OTHER EXPERIENCE

- Facebook Hackathon Seattle, 3rd Place** 2014
- Built a concurrent multiplayer space physics game using node.js and socket.io
- NSCC Computer Science Club, President & Founder** 2013 – 2014
- Student homework help, designed group projects, implemented games in Java

## EDUCATION

- University of Washington, B.S. Computer Science & Software Engineering 2014 – 2016
- North Seattle College, Computer Science 2012 – 2014

## LANGUAGES AND TOOLS

- Programming Languages      Java, Javascript, C++, C#, Lua, Python
- Development Tools          Git, Maven, Docker, Redis, Jenkins, RabbitMQ, IntelliJ, Visual Studio, Xcode
- Azure Cloud Services        Web Apps, Storage, Media Services, Scheduler, Load Balancer, Containers
- Database                        MySQL, MongoDB, DocumentDB