

ForrestPruitt

software engineer

contact

Chattanooga, TN

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ForrestPruitt.com

LinkedIn

programming

Python

Django

Javascript

Node.js

Java

C++

HTML5 & CSS3

Unreal Engine

Unity

education

Aug 2010 – Dec 2014

Bachelor of Computer Science

The University of Tennessee at Chattanooga

Specialization in Information Security and Assurance

Jan 2012 - June 2012

Bachelor with Honors of Computer Science

Griffith College, Dublin

Study Abroad

experience

Jan 2016 –

VIATOR VR

Chattanooga, Tennessee

Co-Founder

- Created an immersive virtual reality platform for language learning using Unreal Engine, utilizing both Blueprints and custom C++ code.
- Wrote and received multiple grants from Mozilla to fund development.
- Participated in and won first place in local accelerator competition.
- Helped foster the virtual reality community in Chattanooga.

Aug 2016 –

STUDIO NOW

Nashville, Tennessee

Remote Software Engineer

- Designed and developed features for a complex legacy python-based web application while building its replacement.
- Added and maintained documentation, of which there was none to begin with.
- Improved test coverage drastically.
- Primarily worked remote.

Aug 2014 – Aug 2016

BELLHOPS

Chattanooga, Tennessee

Senior Software Engineer

- Worked with a mid-sized team to develop features to increase the usefulness and stability of an existing application with a nationwide user base
- Designed and completed a new user onboarding flow, resulting in a measurable increase in the job application completion rate.
- Utilized test-driven development, pair programming, and the scrum methodology to efficiently meet milestones

Jan 2014 – Aug 2014

CARBON OBJECTS

Chattanooga, Tennessee

Software Developer

- Developed key features for a highly available and scalable cloud platform used to facilitate the sale of artwork
- Created an API to connect a Django backend to iOS and Web clients

May 2012 – July 2013

ENGAGE3D

Chattanooga, Tennessee

Lead Application Developer

- Developed next-generation network applications centered around Chattanooga's gigabit-to-home fiber connections

- Received recognition on the White House Tech Blog after demonstration of 3D Videoconferencing from Chattanooga to Chicago

Sep 2011 – Jan 2014

**NATIONAL CENTER FOR
COMPUTATIONAL ENGINEERING: THE SIMCENTER**

Chattanooga, Tennessee

Assistant Systems Administrator

- Performed daily maintenance of a large cluster of nodes
- Developed and documented procedures for standard diagnosis of frequently occurring problems
- Developed tools to improve faculty efficiency
- Provided support for an on-site user base of 50+

awards

2016

Mozilla Gigabit Community Fund Award Recipient (x2)

Mozilla Foundation

Twice awarded \$15,000 USD to fund work on a virtual reality language learning platform and to open of a community VR Lab.

2016

24-Hour Launch First Prize

Co.Lab

Awarded first prize for my pitch and demo of ViatoR VR, a VR language-learning platform. 1,500 USD + business/legal/financial services to help start the business.

2016

Best in Show, US Ignite Applications Summit

US Ignite

Earned multiple awards, including 'Best in Show' and 'Best use of Low Latency' at the US Ignite Applications Summit. Chosen from a pool of 30+ applications by a panel of industry experts and government officials.

2014

IGDA Japan Tokyo Game Show Scholar

International Game Developers Association

Passes to Tokyo Game Show awarded to the most promising students studying anything related to game development. Also included studio tours in Tokyo.

2013

Mozilla Ignite Funding Winner

Mozilla Ignite/US Ignite

\$50,000 awarded over three periods of funding for my team's work on 3D Videoconferencing

communication skills

2016

Panelist

US Ignite Smart Cities Week

Helped lead a panel entitled "Building a More Inclusive Gigabit Ecosystem: Engaging Non-Technologist Voices in Gigabit Innovation".

2016

Business Pitch

'24-Hour Launch' startup accelerator

Gave a three-minute pitch in front of an audience of industry experts, a national selection of business owners, and venture capitalists. Won first prize.

2016

Videos, Blog Posts, Social Media

ViatoR VR, LLC.

During multiple funding periods, provided regular public updates on progress of ViatoR VR in both written and filmed formats.

2014

Technical Presentation

Mozilla Gigabit Fund Kickoff

Demonstrated the Hyperaudio Pad, part of my Senior Capstone project, to 100+ interested community members.