

# Andrew Castille

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## EDUCATION

### University of Texas at San Antonio CLASS OF 2021

Pursuing a B.S. in computer science with a concentration in software engineering.

### Cedar Ridge High School GRADUATED MAY 2018

- STEM Academy
- German Club
- National Math Honor Society (MAΘ)
- Engineering & Robotics Clubs
- Set up library 3D printing services

## EXPERIENCE

### Junior Software Engineer MAY 2019—PRESENT

Wolfram Manufacturing AUSTIN, TX

- Develop desktop applications in C++ with Qt
- Build cloud-based applications in Python, Java, and PHP
- Interface with machine data streams and adjust to work with various data formats and conditions

### Website Administrator MAY 2014—PRESENT

Wilson & Associates, LLC TALLAHASSEE, FL

- Design and manage client websites with frontend JavaScript/jQuery and backend PHP
- Manage Linux virtual servers running WordPress on Apache with MySQL










### Full-Stack Game Developer DECEMBER 2013—PRESENT

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- Built and continue to manage the website, including integration with the game server
- Write game code in Dart, both client- and server-side, as well as web applications in Python/Flask
- Handle customer support through email and social media
- Use the Git version control system, GitLab + CI, and Slack to collaborate with other developers

## SKILLS

### Programming Languages

- Python 
- PHP 
- HTML/CSS/JS 
- Java 
- Dart 
- C/C++ 
- MySQL/PostgreSQL 
- C# and .NET Core 
- Bash 

### Software

- Development tools such as the IntelliJ platform and derivatives and Visual Studio
- REST API design, implementation, and consumption
- Full-stack web application development
- Native application development, including GUI toolkits such as Qt and WPF
- Linux system and server management
- NGINX web and proxy server configuration
- CAD with Autodesk Inventor and OnShape

### Hardware

- Computer repair and components
- Microcontroller programming and FPGA circuit design
- Circuit design in tools such as NI Multisim
- Internet of Things and automation
- 3D printing using FFF/FDM

## CERTIFICATION

Autodesk Inventor Certified User

2017