

Cyrille Gindreau

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Work Experience

Junior Software Developer | Visgence | 2016-Present

- Front and back-end web development using languages like python, javascript, html, and css.
- Microcontroller programming on Raspberry Pi, Arduino, Teensy using C, C++, Python, and Assembly.

Student Media Intern | Aggievision | 2015-2017

- Video broadcast engineer, audio engineer, and technical director.
- Help with setup and teardown of all video and audio equipment for NMSU sporting events.

Editor/ Assistant Chief Engineer | Trinity Broadcast Network | 2013-2015

- Edit local and national shows, troubleshoot studio, master control, and editing suite.
- Camera operator, audio mixer, assistant director during show tapings.

Freelance Journalist | Aurora 8 | 2013-2015

- Shoot various news stories for the city of Aurora.
 - Robotic camera operator on city council meeting broadcast.
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Proficiencies

Software | Adobe Suite, Unity, XCode, Android Studio, KiCad, Fusion360, Maya, 3dsMax, Blender

Programming languages | Python, Javascript, CSS, SCSS, HTML, C#, Java, C++, C, Swift

Frameworks/Libraries | AngularJS, React, Webpack, ThreeJS, D3, KnockOut, CherryPy, Django, SQLAlchemy

Technologies | AWS (ECS, Lambda, S3), Node, Bower, Docker, PostgreSQL, MongoDB, MySQL, SQLite

Spoken languages | English, French, Portuguese

Education

BA of Computer Science | New Mexico State University | 2015-Present

Summer research program | concept development for advanced media display Koç University | 2012

BA of Creative Media | Animation/Visual Effects New Mexico State University | 2007-2012

Exchange program studying journalism | Universidade Federal de São João del-Rei | 2010-2011

Activities & Accomplishments

Member | IEEE | 2017-Present

- Assist in community service projects

Member | WiStem | 2017-Present

- Assist in community service projects

Project Lead | Hack-A-Day | 2016

- 2nd place in 1-kilobyte challenge
- Created a laser/mirror setup controlled by a microcontroller that could create pictures while using less than 1 kilobyte of memory.

Game Developer | Game Development Club | 2015-2016

- Help in the programming and development of games.

Volunteer | The Aurora Channel | 2013-2015

- 2014 Volunteer of the Year Award
- Production supervisor of volunteer show "East Side Stories". Jib operator for studio shows.

Creative media senior project | New Mexico State University | 2011-2012

- Lead game designer, writer, producer, modeling, level design, art director, website design, rigging

Vice President of Animation | Student Organization of Digital Artists (S.O.D.A.) | 2009-2012

- Animation liaison for students and faculty, organize club meetings, coordinate club events, fundraising