

MAGNUS CARDELL

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QUALIFICATIONS PROFILE

Graduating Computer Science senior with multiple successful experiences in software development projects in both an academic and professional setting.

TECHNICAL SKILLS:

Languages: C++, Python, Java, Prolog, JavaScript, HTML&CSS
Other skills: Linux, Windows, Django, SQL, Git, TDD, React-native

EDUCATION

St. Olaf College, Northfield, MN

GRADUATION: MAY 2018

B.A. in Computer Science and Music

Awards: Christiansen Scholarship, Mary Esther & Erna Orth Endowed Scholarship.

EMPLOYMENT

Lux Science Inc. WEB DEVELOPER INTERN

10/2017 – Present

- Remote part-time work for the startup Lux Science. Develop and design customer facing interfaces using JavaScript, PHP, AWS, and Firebase.

St. Olaf College, SUMMER INTERN – AR/VR SPECIALIST

06/2017 – 09/2017

- Build the new VR department where students and faculty can get help with AR/VR projects. Produced VR creations and support documentation. Software include Unreal Engine, Unity, C++, Python, Sketchup, and Blender.

Additional experience as a **Digital Scholarship Intern** (10/2016 - present), **Piano accompanist** (9/2104 – present)

SOFTWARE PROJECTS

Choreography Web App

Fall 2017

- Web application for choreography students to collaborate in a highly customizable UI for their senior dance project. Developed with Test Driven Development and Continuous Integration.
- Technologies include: Python, Django, PostgreSQL, Git, JavaScript, Ajax, Json, and jQuery

STO-detect

Spring 2017

- Team leader of a Machine Learning project that recognize gestures and faces in a live camera feed.
- Technologies include: C++, openCV, Git, Visual Studios.

Personal Assistant

Fall 2016

- Natural Language Processing application that performs predefined actions from voice commands.
- Technologies include: Prolog, Python, Google Calendar API, Linux-speech to text, Git

Laundry Pi.

Spring 2015

- Internet of Things application that tells whether a washing machine is in use or not. Analysis done through a raspberry pi and vibration sensor that recognize washing cycles. Results are sent to a server that updates the user webpage.
- Technologies include: C++, PHP, cURL, Raspberry Pi, HTML, Git

Find me on Github: github.com/magnuscardell

Find me on Stack Overflow: stackoverflow.com/users/5478462/magnus