

1315 Spring St, Apt 2205
Madison WI 53715

YU-LIN YANG

(630) 962-0087
yang423@wisc.edu
www.yulinyang.me

EDUCATION

Madison, WI

University of Wisconsin – Madison

Fall 2016 – Fall 2019

- B.S. in Computer Science and Computer Engineering. GPA: 3.6.
- Coursework: Artificial Intelligence, Data Structures, Machine Organization and Programming, Digital System Design and Synthesis, Calculus III.

EXPERIENCE

Software Engineer, Intern

MAGIX Software GmbH

Summer 2017

VEGAS Pro 15

- Developed workflow enhancement features for the flagship product in C++ and C# that resulted in an increase of 20% retention rate among over 110,000 active users.
- Created the ability to Selectively Copy & Paste Event Attributes, automatically Swap All Proxy Footage, Freeze Frame at Cursor, and Heal Split Events that reduced overall video editing workflow time by 15%.
- Practiced Agile and Scrum Methodologies, attended daily stand-ups, and experienced a full development & release cycle.

Site Product Manager

Transcend Madison

Fall 2016 - current

- Led a team of 4 student engineers on the revamping of the Transcend Madison website, the biggest student ran innovation competition in the United States.
- Formulated the focus and branding of the organization based on student and faculty feedback.
- Coordinated with deans of the College of Engineering and professors of the Wisconsin School of Business to cosponsor events which increased website traffic by 40%.

Software Engineering Summit, Intern

Capital One Bank

May 2017

- Created a chat bot in Slack to query all of the intern's information and backgrounds using API.AI.
- Worked as a team of 4 to develop mock Banking App in Swift that "gamifies" banking.
- Focused on creating frontend skeleton app by adhering to iOS MVC design patterns.

PROJECTS

- **Chicago Crime & Bad Neighborhood Predictor** (2017). Supervised machine learning model using AWS ML to predict where crime may occur in Chicago using data sets provided by the City of Chicago Data Portal.
- **Yelp Food Recommender** (2017). Seamless and quick food recommender using HTML5 geolocation and Yelp's Fusion API. Node.js, Express.js, Heroku.
- **Amazon Echo Healthcare Assistant** (2017). Alexa-enabled assistant to access sample healthcare data which then creates and outputs statistical graphs directly to the user's desktop. AWS, Alexa Skills kit, ngrok, Flask.
- **Personal Website** (2017). Portfolio site to exhibit my character, personality, and past experiences. Built from scratch in HTML, CSS, Javascript, and Bootstrap.

ADDITIONAL EXPERIENCE AND AWARDS

- **Winner, Capital One Software Challenge:** Won the MindSumo challenge to create a food recommender using Yelp's fusion API, over 200 submissions.
- **1st Place, MadHacks Hackathon 2017:** Developed a blockchain solution using Hyperledger to empower health patients with control while maintaining the security and immutability of medical records.
- **Macbook Technician & Dealer (2014-2016):** Launched personal business negotiating, repairing, and selling MacBooks via Craigslist and eBay, accruing over \$18,000 in revenue.
- **Scholarship, University of Wisconsin: College of Engineering**

Languages and Technologies

- Java; Swift; C++; C#; JavaScript; Node.js; Git; Perforce; Verilog;
- Visual Studio; XCode; Eclipse; Modelsim;
- English – native; Mandarin Chinese – fluent;