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Madison WI 53715

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EDUCATION

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| Madison, WI | University of Wisconsin – Madison | Fall 2016 – Fall 2019 |
| <ul style="list-style-type: none">• 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

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| Software Engineer, Intern VEGAS PRO 15 | MAGIX Software GmbH | Summer 2017 |
| <ul style="list-style-type: none">• 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. | | |

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| Site Product Manager | Transcend Madison | Fall 2016 - current |
| <ul style="list-style-type: none">• Led a team of 4 student engineers on the revamping of the Transcend Madison frontend website.• 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%. | | |

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| Software Engineering Summit, Intern | Capital One Bank | May 2017 |
| <ul style="list-style-type: none">• 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

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- **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

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- **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

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