

DOMINIC MUZZIN

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EDUCATION

University of Michigan, Ann Arbor

B.S. Computer Science and Economics

May 2017

Overall GPA: 3.726

EXPERIENCE

Amazon.com – *Software Development Engineer Intern*; Seattle, WA

May - August 2016

- Removed the Giveaway team's Taxable Winnings Service's dependency on relational databases to address scalability concerns
- Implemented an AWS DynamoDB accessor for Taxable Winnings Service's data store, delete, and retrieval activity API's
- Wrote a script to migrate Giveaway Winnings data from a relational database to DynamoDB
- Wrote a script to validate data consistency between the soon to be deprecated relational database and DynamoDB
- Deprecated and removed tax information API's by updating clients to call Amazon's internal tax service directly

Magna International – *Intern*; Detroit, MI

June - September 2015

- Created excel spreadsheets, graphs, and power point material reflecting the sales business plan for the GM Sales account
- Updated the Magna Interiors pricing forms for the Acura NSX interiors program after conducting assembly cycle time studies
- Created a tracking sheet for both tooling and piece price changes due to engineering work order revisions for two separate Magna interiors divisions
- Created a presentation with technical data showing the manufacturing process and materials used for the 2017 GM C1YX (Traverse) interior components

Hills Bank & Trust Company – *Real Estate Intern*; Coralville, IA

May - August 2014

- Catalogued information for nearly forty mortgages per week
- Balanced the credits and debits of mortgage loan files for the Post-Closing department
- Collaborated with other departments and Real Estate Loan Officers to ensure coordinated action

LEADERSHIP EXPERIENCE AND ACTIVITIES

Michigan Economics Society Board – *Vice-President*

Fall 2014 - Present

- Vice-President of the largest pre-professional organization on campus
- Developed and maintain the official Michigan Economics Society website using HTML5, CSS3, Javascript, and other languages
- Work with Michigan alumni, the Economics Department, and corporate professionals to organize frequent club events

Computing Cares Mentor

Fall 2015 - Present

- Lead weekly review session of class material for the Introduction to Computers and Programming course
- Help increase the retention of women and other underrepresented demographics in Computer Science by serving as a mentor to study group members

HONORS

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| • Stamps Scholarship Recipient | Fall 2013 – Spring 2017 |
| • Carter Scholarship Recipient | Fall 2013 – Spring 2017 |
| • Joseph Schwinck Scholarship Recipient | Fall 2013 - Spring 2017 |
| • Iowa City Golf Association Scholarship Recipient | Fall 2013 – Spring 2017 |
| • Phi Gamma Delta Triple A Scholarship Recipient | Spring 2014 – Spring 2016 |
| • Phi Gamma Delta Michigan Foundation Academic Award | Spring 2014 |
| • BPA Economic Research Project National Champion | Spring 2013 |

ADDITIONAL INFORMATION

Computer Science Courses: Elementary Programming Concepts, Discrete Mathematics, Programming and Introductory Data Structures, Data Structures and Algorithms, Foundations of Computer Science, Intro to Computer Organization, Intro to Computer Security

Economics Courses: Principles of Economics I & II, Money and Banking, Developing Economies, Intermediate Microeconomic Theory, Intermediate Macroeconomic Theory, Government Expenditures, Labor Economics

Current Courses: Software Engineering, Web Database and Information Systems, Introduction to Statistics and Econometrics II