Alan Yu

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Education

- **University of Michigan - Ann Arbor** Ann Arbor, Michigan
  Focus in Computer Science September. 2016 - Present
  - Current GPA: 3.67/4.0
  - Relevant coursework: Data Structures and Algorithms, Programming and Introductory Data Structures, Discrete Math, Introduction to Computer Security, Introduction to Computer Organization

Related Experience

- **Undergraduate Research Opportunity Program** University Research
  Research Assistant January. 2018 - Present
  - Analyzed local transit mobility patterns to help create an efficient framework for the University of Michigan campus transit system
  - Applied machine learning techniques developed in Python and R to create a predictive model of passengers' travel behavior
  - Expanded research findings to a greater scope by applying the same methodology to the entire Washtenaw County
- **Da Zhong Website** Website
  Commercial Website June. 2017 - August. 2017
  - Streamlined wholesale business with local restaurants by creating and providing an online website form
  - Helped attract more customers by promoting the store's special deals and sales
  - Developed excellent web programming skills through the use of HTML, CSS, Javascript, jQuery, and PHP
- **Da Zhong** Family Owned Store
  Asian Grocery Store June. 2012 - June. 2016
  - Aided in efficiently managing expenses by organizing data through the use of Microsoft Excel
  - Developed customer rapport and provided quality customer service as a cashier
  - Managed and organized over 500+ inventory products by frequently rotating new and old products off the shelves

Activities

- **HKN (Eta Kappa Nu)** Honor Society
  Computer Engineering Honor Society January. 2018 - Present
  - Composed of students in the top 1/4 of their junior class or top 1/3 of their senior class
  - Engaged in community service projects around the University of Michigan campus
- **MHacks** Hackathon
  Hackathon Group September. 2015 - September. 2017
  - Developed essential web programming skills for building a personal website
  - Studied and explored the use of Amazon Echo commands in the development of hands-off technology

Skills

- **Programming and Markup Languages**

  - C++, C#, Python, R, HTML, CSS, Javascript, NodeJS, Express, MongoDB, Java