

Katherine V. Kampf

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EDUCATION

University of Michigan

Bachelor of Science, Computer Science

Minor in Entrepreneurship

GPA: 3.75, Dean's Honors List, University Honors

Ann Arbor, MI
August 2013-Present

Chagrin Falls High School

Cum Laude Society, High Honor Roll

Chagrin Falls, OH
August 2009-June 2013

EXPERIENCE

University of Michigan Office of University Development

Ann Arbor, MI

Strategic Partners in E-Communications & Solutions Intern

May 2015-Present

- Researched and analyzed crowdfunding at Michigan and other universities around the nation in order to develop a set of resources and operating recommendations for future fundraising campaigns
- Developed a central website for microcampaign resources in order to meet the increasing demand for crowdfunding services for fundraising units, faculty, students and external volunteers which gathered over 500 internal hits in its first two weeks live
- Offered a part-time position at the program's end focusing on email aggregation and analytics to determine best marketing practices

Trax App

Ann Arbor, MI

Developer & Co-Founder

July 2015-Present

- Developing an iPhone application with the purpose of making health and wellness tracking more accessible and engaging for children and young adults through gamification
- Drafted application storyboard and data structure design to ensure fluidity, time minimization and storage optimization
- Purposed business plan to secure funding through campus entrepreneurship outlets and external grants

MUSIC Matters

Ann Arbor, MI

Operations Manager and Head of Digital Affairs

May 2014-Present

- Manage a 37 person leadership team and 160+ general members to promote member engagement, manage committee-to-committee communications and handle all digital affairs for one of the University of Michigan's largest entrepreneurial organizations and philanthropic influencers
- Designed efficiencies for the organization's fundraising process, transitioning handwritten letters to an email format which resulted in largest letter fundraising total to date (\$30,000)
- Lead all website alterations to convey our missions to an average of over 3,000 monthly visitors

Math Monkey

Cleveland, OH

Instructor and Tutor

2010-2014

- Facilitated multiple mathematics classes for grade school children in order to develop their mathematics skillsets
- Tutored middle school and high school students in algebra, calculus and SAT/ACT prep to improve their understanding of course concepts and academic performance
- Assisted with curriculum restructuring and overall expansion as the business grew from its launch to current state

TECHNICAL COMPETENCIES & PROJECTS

- **Programming languages:** C++, Java, Visual Basic, MATLAB
- **Web development:** HTML, Google Sites
- **Operating Systems:** Linux, Mac OSX and Windows
- **Agile Development:** Experience working in Scrum environment and utilizing JIRA task management
- **Digital Marketing:** Google AdWords, email solicitation, SEO, Facebook and Twitter advertising
- **Euchre:** developed custom classes and artificial intelligence to simulate a Euchre game
- **Stock Exchange:** utilized custom constructors, priority queues and functors to simulate a stock trade
- **Error log search:** imported an error log text file and used maps and multimaps to search for various keywords, categories and timestamps

ORGANIZATIONS & ACTIVITIES

Eta Kappa Nu (HKN) Electrical Engineering and Computer Science Honor Society

September 2015-Present

- Selected due to strong academic success in EECS. Participate in volunteer tutoring and assist with organizing tech talks.

Student Campaign Committee Member

August 2015-Present

- Nominated by University faculty to serve on the first ever Student Campaign Committee in order to offer student insight and a passion for Michigan in an effort to increase student support

Lean In at the University of Michigan - Women in STEM Circle Member

September 2014-Present

- Discuss issues and help organize events pertaining to the complexities surrounding women in STEM fields

Startup Trek - Selected Blogger and Participant

May 2015

- Consulted with seven Detroit startups to broaden understanding of the issues entrepreneurs face and offer fresh perspectives on their problems
- Selected to blog about the experience for the Center for Entrepreneurship's website and assisted with documenting the trip