# Nicholas J. Bevacqua

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## EDUCATION

**University of Michigan**                                                                                                     **Ann Arbor, MI**
Bachelor of Science in Computer Science                                                                                April 2018
***GPA: 3.79 / 4.00***
- University Honors in Fall 2014 / Winter 2015 / Fall 2015 / Winter 2016 / Fall 2016
- Courses: Data Structures & Algorithms, Operating Systems, Web Databases & Information Systems, Game Design & Implementation, Computer Security, Agent-Based Modeling, Entrepreneurial Creativity

## TECHNICAL EXPERIENCE

**IBM Watson**                                                                                                                     **Redwood City, CA**
*Software Engineering Intern*                                                                                           May – August 2016
- Enhanced Watson's web crawler, used to scan the Internet for data relevant to any specific query, by strengthening its chrondate identification capability that regulates which sites to visit and how frequently
- Improved internal news crawler monitoring page by utilizing jQuery and a Java servlet backend to create Elasticsearch queries based on HTML form input and visual results from crawler's database
- Converted news domain coverage and coverage request form pages from Java to Python backend to be incorporated into a developing news search webpage for external client use

**Professor Barzan Mozafari**                                                                                              **Ann Arbor, MI**
*Research Assistant*                                                                                                       May – August 2015
- Created databases with MySQL and sorted data associated with the professor's research in the field of data analysis, which was extracted from his website and analyzed through the use of PHP and HTML

**Platformer Video Game Program**                                                                                     **Scarsdale, NY**
*Independent Programmer*                                                                                                 May – July 2014
- Created a Java executable displayed on a Graphical User Interface using classes, imported packages and algorithms based on a coordinate plane to replicate Super Mario Brothers

## EXTRACURRICULARS

**University of Michigan**                                                                                                     **Ann Arbor, MI**
*Tutor*                                                                                                                     August 2015 – Present
- Reviewed C++ concepts with students enrolled in Elementary Programming Concepts course
- Conducted concept review with students during 30 minute one-on-one sessions in order to enhance their knowledge and ability to complete projects and solve review questions

**Michigan Hackers**                                                                                                           **Ann Arbor, MI**
*Core Team Member*                                                                                                     January 2015 – Present
- Enhanced communication and presentation skills by hosting website development and basic programming concept mini-lectures for 30-50 Michigan undergraduate students
- Strengthened networking and programming skills through collaboration with avid hackers

## SKILLS

Software: Netbeans, Visual Studio, Xcode, Microsoft Office, Git, Mercurial, Sublime, Vim, Elasticsearch, Unity
Programming Languages: C, C++, C#, Java, Python, HTML, CSS, PHP, MySQL, JavaScript, Bash, Perl

## ACTIVITIES

Eta Kappa Nu, Electrical and Computer Engineering Honors Society                    September 2015 – Present
Michigan Premier eSports                                                                                            September 2014 – Present
Golfing                                                                                                                           September 2010 – Present