HARRISON NOH

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EDUCATION

UNIVERSITY OF MICHIGAN   **Ann Arbor, MI**
Bachelor of Computer Science, Minor in Art and Design, December 2016
- **GPA: 3.4/4.0**
- **Skilled**: C++, Javascript, PHP, CSS, HTML jQuery, Photoshop, Illustrator
- **Worked in**: C#, C, Python (Django, Flask), Java (Android), Swift (iOS) MySQL, Angular.js
- **Environments**: Unity, Visual Studio, Xcode, Eclipse, Android Studio
- **Concepts:** Object-Oriented Programming, MVC, Full Stack Development
- **Version Control:** Git, TortoiseSVN

EXPERIENCE
Summer 2016

2K GAMES   **Novato, CA**
Incoming Software Engineering Intern

VOYOMOTIVE   **Ypsilanti, MI**

Summer 2015
Software Engineering Intern
- Wrote extensive test cases for iOS vehicle navigation application to form mapped routes
- Full stack development of vehicle administrative application to add and modify vehicles
- Developed vehicle registration application to attract people to sign up for the website
- Translated Voyomotive's iOS application programming interface to Android environment
- Developed user interface and core functionalities for Android using Android Studio IDE
- Developed entire Java API backend using object-oriented design in order to better
  communicate code with Voyomotive team and third-party design consulting team

Summer 2014
COCOKIND. EBINGER MANUFACTURING COMPANY   **Ann Arbor, MI**
Product Designer
- Designed packaging for San Francisco based skincare startup that spans to 800+ stores
- Used InDesign and Illustrator to create unique, individual designs for distinct products
- Designed modern graphics in packaging for Ebinger manufacturing products
- Expanded design styles by implementing different concepts on 3-dimensional surfaces

PROJECTS
2012 – 2016
GOOGLE SEARCH ENGINE
- Replicated Google's 2008 search engine for web databases course using Python and C++
- Used Flask framework to implement backend in an MVC environment
- Implemented Map-reduce and Page rank algorithms in C++ to create scalable search queries
- Incorporated REST API to get specific queried results in order of relevance

YAHOO WEBSITE REDESIGN
- Completely redesigned Yahoo's homepage using Yahoo Querying Language (YQL)
- Used YQL to make calls to Yahoo's RESTFUL API exclusively with a frontend so
  information on custom Yahoo page is dynamic and pulled straight from Yahoo homepage

HARRISONNOH.COM
- Used Jekyll Static Website Generator in conjunction with Git to develop website
- Incorporated with Github Pages as hosting in order to display statically generated content
- Redesigned website to be mobile responsive and device independent using media queries

SOYOUWANTOBUILDAWEB.SITE
- Built web or mobile app development decision tool to aid in website or app creation
- Parsed JSON file containing decision data through a series of recursive AJAX calls

CLUBS
BLUELAB - Web & Media Chair
- Increased media presence and developed website through Weebly and Javascript
- Helped develop online presence through social media and design

MRACING - Web Developer
- Managed website through Wordpress

ACCOLADES
MICHIGAN GAME DEVELOPMENT COMPETITION
- Placed 2nd in the Michigan Game Development club's 48-hour Turkey Game
  Jam with our submission of *Jake's Nightmare*, written in JavaScript through Crafty

GENERAL MOTORS INNOVATION CHALLENGE COMPETITION
- Placed 1st in General Motors Challenge Competition in developing concept for augmented
  reality or wearable product for GM manufacturing challenge