

## KEITH PORTER

1223 Rossmore Ave • Cincinnati, OH 45237  
bobob2009@gmail.com • (313) 410-9044

<b>EDUCATION</b>	<b>UNIVERSITY OF MICHIGAN</b> <b>College of Engineering</b> Master of Science in Industrial and Operations Engineering, April 2014 <ul style="list-style-type: none"><li>• Cumulative GPA: 3.7/4.00</li><li>• Tauber Institute for Global Operations Fellow</li><li>• Engineering Global Leadership (EGL) Honors Program Fellow</li></ul>	<b>Ann Arbor, MI</b>
	<b>UNIVERSITY OF MICHIGAN</b> <b>College of Engineering</b> Bachelor of Science in Computer Engineering, December 2013 <ul style="list-style-type: none"><li>• Cumulative GPA: 3.42/4.00</li><li>• Harry B. Benford Award for Entrepreneurial Leadership</li></ul>	<b>Ann Arbor, MI</b>
<b>EXPERIENCE</b>	<b>FRIO TO FUEGO</b>	<b>Detroit, MI</b>
<b>2016-2017</b>	<b>Motorcycle Adventurer</b> <ul style="list-style-type: none"><li>• Designed an around-the-world motorcycle trip and recruited three friends to travel for 6+ months throughout North and South America</li><li>• Navigated 16 countries, 20,000 miles, and a wide array of conditions safely, avoiding all personal safety or health issues (and had a ton of fun)</li><li>• Excelled as English-Spanish translator for myself and my three travel companions</li></ul>	
<b>2016</b>	<b>PROJECT BIRDHOUSE</b> <b>C.O.O. (First Employee)</b> <ul style="list-style-type: none"><li>• Solely created a custom, embedded, computer vision system that detects, tracks, and describes the faces of people who pass by</li><li>• Implemented a deep neural network on an embedded GPU using OpenCL and Torch in order to quantify the unique characteristics of each face in real time</li><li>• Branched two different Python implementations of this object oriented facial processing system to use either single threading or multiprocessing</li><li>• Identified, pitched, and onboarded both potential hires and potential customers, doubling team size within three months and successfully launching our beta test</li></ul>	<b>Cincinnati, OH</b>
<b>2014-2016</b>	<b>KAPTURE AUDIO</b> <b>Head of Product &amp; Ops (First Employee, Venture for America Fellow)</b> <ul style="list-style-type: none"><li>• Successfully led all aspects of product launch: product requirements, development sprints, quality assurance, FCC &amp; CE certification, international logistics, and fulfillment</li><li>• Coordinated hardware and software contract development across 7 teams, 20+ people, 3 native languages, 5 timezones, and dozens of skill sets</li><li>• Developed, tested, and deployed custom embedded system firmware in C that defined the device's user interface and its ability to connect with Android phones</li><li>• Designed and implemented lean internal processes to manage team communication, project management, customer support, logistics, and order management</li></ul>	<b>Cincinnati, OH</b>
<b>2011-2013</b>	<b>A2B BIKESHARE</b> <b>Co-Founder</b> <ul style="list-style-type: none"><li>• Built from an idea to prototype, \$40k in pre-seed funding, and \$30k in booked sales. Since I left, it has grown to \$200k in seed funding and sold to the largest US vendor</li><li>• Effectively managed a diverse 10-person team and 6 partner companies to design and produce key hardware and software components, proving the product's potential</li></ul>	<b>Ann Arbor, MI</b>
<b>2013</b>	<b>THE BOEING COMPANY</b> <b>Tauber Institute Operations Consulting Intern</b> <ul style="list-style-type: none"><li>• Developed Bayesian statistical models to predict delivery of airplane certification reports, potentially saving up to \$950K annually by minimizing or avoiding delays</li><li>• Simulated a sequence of data transfers that affected millions of parts per airplane in order to minimize wait times of important parts by 3 hours/day through prioritization</li></ul>	<b>Seattle, WA</b>