

Veronica Head

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Education

Sustainable Engineering, MS
Arizona State University
GPA **3.90**, Expected Graduation: May 2018

**Civil (Environmental Engineering, BSE
Minor in Sustainability**
Arizona State University
Graduated **Cum Laude**, May 2017

Experience

Program Associate, *RISN Incubator*

June 2017 - Present

- Established a niche business incubator focused on Circular Economy startups in Phoenix supporting 10 ventures within the first year through business development focused programming and aid in raising \$5+ million in capital
- Organized a student hackathon through development of marketing materials and website with HTML&CSS with 80 registered participants that lead to the creation of 5 student venture teams in Circular Economy
- Launched incubator blog and podcast to showcase ventures, wrote content for articles and recorded episodes

Co-Founder, *Aquaponos*

Aug. 2015 - Present

- Founded a startup business aimed at providing aquaponic home gardening kits direct to consumers, have validated business model through raising \$25k+ in startup funds and participating in 5 incubator/accelerator programs
- Created company brand and business model vetted by awarded funding and entrepreneurial competitions

Research Assistant, *School of Civil Engineering at ASU (SSEBE)*

Aug. 2016 - June 2017

- Developed a course and grant proposal to create Sustainable Entrepreneurship curriculum focused on developing clean technology and sustainability based student start-ups

Teaching Assistant, *Business Practices & EPICS*

Aug. 2015 - May 2017

- Created entrepreneurial mindset based teaching module for engineering students and taught it to course of 100+ students, resulting in creation of successful student lead projects
- Mentored student teams on engineering community projects and assisted in successful delivery of several projects

Civil Engineering Intern, *Wilson Engineers*

Jan. 2016 - Aug. 2016

- Implemented asset management process in Excel to survey and categorize 350+ remote water facilities owned by the City of Phoenix through extensive data collection and use of Excel macros
- Surveyed, assessed, and cataloged 5,000+ pieces of equipment on remote water facilities

Engineering Intern (ESTI), *Pennsylvania Department of Transportation*

Summer 2015

- Monitored field testing of roadway construction materials use while maintaining organized data record

Relevant Activities

Project Manager (2017) & Team Captain (2016), *ASCE Concrete Canoe*

Fall 2015 - Spring 2017

- Directed team of peers with use of PM platform Asana in year long project with successful delivery of a concrete canoe designed and build from scratch with use of Matlab and AutoCAD
- Awarded third overall (in 2016) and third in select races (2017) during concrete canoe competition versus 19 schools

Co-President, *Qmunity @ ASU*

Fall 2016 - Present

- Organized and advertised events for student organization attracting new member base
- Attained funding for annual social event, organized with 3 partner organizations and attracted 50+ attendees

Skills & Certifications

Engineer in Training (EIT), Passed FE in September 2017

AnyLogic, ArcGIS, AutoCAD, Civil 3D, EPANET, HEC-RAS, HEC-HMS, HTML & CSS, Illustrator, JavaScript, Matlab, Microsoft Office, Photoshop, Python, R