

# Shane Chambry

Phoenix, AZ

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[Github](#) - [LinkedIn](#) - [Portfolio](#)

## **Summary:**

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Web developer with background in design engineering. Recent graduate of The Coding Bootcamp at The University of Arizona, which develops full stack web development skills. Leverages deep mathematical literacy and engineering-focused programming experience in learning new tools, concepts, and methodologies. Fast learner and capable in a team environment.

## **Education:**

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| Certificate of Completion, The Coding Bootcamp<br>University of Arizona, Phoenix, AZ                  | 2018 |
| Bachelor of Science, Aeronautical Engineering, - with Distinction<br>Clarkson University, Potsdam, NY | 2015 |
| Associate of Science, Engineering Science, - Dean's List<br>Alfred State College, Alfred, NY          | 2013 |

## **Experience and Employment:**

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|---|-------------|
| <i>The Coding Boot Camp, University of Arizona</i>  | 2018        |
| <ul style="list-style-type: none"><li>Developed full stack development skills including HTML/CSS, Javascript, jQuery, AJAX, Node.js, MySQL, MongoDB, Firebase, and more.</li><li>Collaborated with other developers on group projects and established a project workflow using Github.</li></ul>  |             |
| <i>Polymer Research, Clarkson University / GE Oil &amp; Gas</i>   | Summer 2014 |
| <ul style="list-style-type: none"><li>Extensive work with Pro/E and Abaqus to produce parametric models for finite element analysis.</li><li>Produced summaries and updates for supervisor review on a weekly basis.</li><li>Communicated regularly with co-working group at GRC.</li></ul>   |             |
| <i>Product Design Engineer, Honeywell Aerospace</i>   | 2015-2018   |
| <ul style="list-style-type: none"><li>Utilized NX and other CAD tools to create 3D models with an emphasis on accuracy and fidelity.</li><li>Leveraged internal best practices, industry specs, and customer requirements in design concept development.</li><li>Gained experience with tolerance stacking.</li><li>Produced drawings with industry standard geometric dimensioning and tolerancing.</li><li>Attained Six Sigma Green Belt Certification.</li><li>Operated, maintained, and trained colleagues on the 3D printer on site.</li></ul> |             |

## **Leadership and Volunteerism:**

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*Vice President - Clarkson University Rocketry Club*  
*Alfred State College Swim Team*  
*Clarkson University Leadership Corps*  
*Volunteer at Hornell Animal Shelter*