# Shane Chambry

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## Summary:

Web developer with background in design engineering seeking a full-time position. Recent graduate of The Coding Bootcamp at The University of Arizona, which developed expertise in HTML/CSS, Javascript, mySQL, and more. 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:

Certificate of Completion, The Coding Bootcamp     2018
>University of Arizona, Phoenix, AZ

Bachelor of Science, Aeronautical Engineering, **GPA 3.25** – with Distinction     2015
>Clarkson University, Potsdam, NY

Associate of Science, Engineering Science, **GPA 3.36** - Dean's List     2013
>Alfred State College, Alfred, NY

## Experience and Employment:

*The Coding Boot Camp,* **University of Arizona**     2018
- Developed full stack development skills including HTML/CSS, Javascript, jQuery, AJAX, Node.js, mySQL, MongoDB, Firebase, and more.
- Collaborated with other developers on group projects and established a project workflow using Github.

*Polymer Research*, **Clarkson University / GE Oil & Gas**     Summer 2014
- Extensive work with Pro/E and Abaqus to produce parametric models for finite element analysis.
- Produced summaries and updates for supervisor review on a weekly basis.
- High degree of communication required with co-working group at GRC.

*Product Design Engineer,* **Honeywell Aerospace**     2015-Present
- Utilized NX and other CAD tools to create 3D models with an emphasis on accuracy and fidelity.
- Leveraged internal best practices, industry specs, and customer requirements in design concept development.
- Gained experience with tolerance stacking.
- Produced drawings with industry standard geometric dimensioning and tolerancing.
- Attained Six Sigma Green Belt Certification.
- Operated, maintained, and trained colleagues on the 3D printer on site.

*Eyewear Specialist,* **Sterling Optical**     2010
- Handled sensitive insurance and prescription information.
- Enhanced verbal and written communication skills through interfacing with eyewear vendors.
- Gained extensive customer service and sales experience through interacting with patrons.

## Leadership and Volunteerism:

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