

# Tyler S. Campbell

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**Portfolio:** [tylercampbell.space](http://tylercampbell.space) **GitHub:** [t36campbell](https://github.com/t36campbell) **LinkedIn:** [t36campbell](https://www.linkedin.com/in/t36campbell)

United States Air Force veteran striving toward an M.Sc. in Computer Science.

## SKILLS & QUALIFICATIONS

**Programming Languages:** CSS, Dart, GraphQL, HTML, Java, JavaScript, PHP, Python, Rust, SQL, TypeScript

**Development Frameworks:** Angular, Bootstrap, Express, Flutter, Gatsby, Nest, Next, Nuxt, React, Vue, WordPress

**Technical:** Ansible, Git, Docker, Jupyter, Kubernetes, JetBrains IDEs, V.S. Code, Digital Ocean, Cloudflare, AWS, Google Cloud Compute, Heroku, Firebase, Netlify

## WORK EXPERIENCE

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<b><i>Full Stack Software Developer</i></b>	<b><i>Tufin</i></b>	<b><i>May 2022 – Present</i></b>
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Member of a specialized team of developers responsible for curating custom solutions for high-value clients.

- Main contributor to open-source API and internal API / tools used for customization and migration.
- Enhanced documentation by converting markdown to Jupyter notebooks, providing API / tool usage examples.
- Created and led technical training for migration solutions compatible with TOS Aurora.
- Automated many workflows with Ansible to increase productivity.

<b><i>Full Stack Software Developer</i></b>	<b><i>McSteen Land Surveyors</i></b>	<b><i>Jan 2021 – May 2022</i></b>
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Sole front-end engineer responsible for making business requirements and feature concepts a reality.

- Executed a complete frontend redesign in under six months, replacing Bootstrap with Angular Material.
- Reduced monthly production costs by \$600+ by using Google Static Maps.
- Developed a back-end document generation system to create invoices & various deliverables dynamically.
- Performing maintenance and troubleshooting on mission-critical legacy business applications.

<b><i>Information Technology Intern</i></b>	<b><i>Central Ohio Transit Authority</i></b>	<b><i>Oct 2019 – May 2020</i></b>
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Assistant to IT staff, facilitating software development, as well as system, network and database administration.

- Orchestrated the replacement of 36 multi-media devices to increase awareness of company activities and news.
- Facilitated the removal of over 400 Windows 7 workstations through hardware and software upgrades.
- Configured personnel remote access accounts and installed necessary hardware and software.
- Provided technical support with excellent customer service to all employees through help desk functions.

<b><i>Avionics Technician</i></b>	<b><i>United States Air Force</i></b>	<b><i>Oct 2014 - Sept 2018</i></b>
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Radar, radio, navigation, and defensive countermeasure systems maintainer on the C-130J Super Hercules.

- Subject Matter Expert tasked with conducting and supervising all shift maintenance actions.
- Applied system knowledge to troubleshoot operational issues and identify practical solutions.
- Tested electrical systems to ensure proper functionality by analyzing test data to assess equipment operation.
- Selected for promotion to Staff Sergeant in Aug 2018.

## EDUCATION

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<b><i>M.Sc. in Computer Science</i></b>	<b><i>Franklin University</i></b>	<b><i>Present (Fall 2023)</i></b>
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<b><i>B.Sc. in Information Technology</i></b>	<b><i>Capella University</i></b>	<b><i>Oct 2020</i></b>
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## RECENT PROJECTS

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<b><i>Portfolio v4</i></b>	<b><i>tylercampbell.space</i></b>	<b><i>Feb 2023</i></b>
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- A portfolio crafted to exhibit a unique collection of personal projects.
- Assembled employing Gatsby, Chart.js, & TailwindCSS.