

# ARJAN VELOVIC

## CONTACT

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(347) 935-2092

[GitHub](#)

[My Portfolio](#)

## EDUCATION

### Full-Stack Bootcamp

Coding Temple  
January 2024

### MS in Mechanical Engineering

Georgia Institute of Technology  
Highest Honors, Summer 2022

### BS in Mechanical Engineering

The City College of New York  
Cum Laude Honors, Fall 2018  
Minor in Mathematics

## SKILLS

- Python
- JavaScript
- Flask
- React
- C++
- SQLite
- PostgreSQL
- HTML/CSS
- Typescript
- Django
- Redux
- Next
- NodeJS
- SolidWorks
- MATLAB
- CATIA
- AutoCAD
- 3DX

## CERTIFICATES

Department of Defense Secret  
Clearance, 2019 – Present

New York State Intern Engineering  
Certificate – Engineering in Training  
2019

## CARRER OBJECTIVES

Ambitious aerospace engineer transitioning to software engineering, driven by a passion for growth and learning. Completed a rigorous full-stack engineering bootcamp at Coding Temple, showcasing proficiency in Python, JavaScript, React, and Flask. Eager to apply engineering expertise and coding skills to contribute effectively to the software development arena.

## PROFESSIONAL EXPERIENCE

### Design Engineer • November 2020 – Present

#### Lockheed Martin Sikorsky

- End-to-end design processes for diverse products and assemblies, including drafting, dimensioning, tolerancing, prototyping and result documentation.
- Generate, review, and approve the technical content of controlled drawings, maintenance manuals, reports and other mechanical design documents.
- Ensuring alignment of new products with program requirements through effective

### Mechanical Engineer Asc • July 2019 – October 2020

#### Lockheed Martin Skunkworks

- Designed layout structures for pivotal mechanical system components using 3DX CAD.
- Developed detailed designs of mechanical structures adhering to structural and aerodynamic guidelines.
- Analyzed NASTRAN stress reports to redesign critical components for load requirement compliance.
- Prepared statements of work (SOWs), bills of material (BOMs), supplier document requirement lists (SDRLs), and other essential supplier contract management documentation.

### Engineer Aide • January – August 2018

#### Consolidated Edison

### Mechanical Engineer Intern • Summer 2017

#### NYC DEP – Croton Water Treatment Plant

## PROJECTS

### Tesla Clone Webapp

Developed a full stack Tesla clone website with a clean and beautiful user interface with a React frontend and a Flask backend. Utilized TypeScript, Python, JavaScript, SQL, and HTML/CSS to replicate the functionality and design of the official Tesla website.

[Live Demo](#) [GitHub](#)

### Bidding Bazaar

Bidding Bazaar is an auction webpage powered by Flask, leveraging Python's capabilities for robust user interaction. Users can create accounts, list items, place bids, add watchlists and manage their profiles seamlessly. Behind the scenes, Flask handles authentication, session management, and database integration, ensuring a smooth user experience.

[Live Demo](#) [GitHub](#)