



Tomasz Freeman

Engineering Intern

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SUMMARY

Motivated engineering intern with a strong foundation in software development and simulation. Excited to engage in projects that leverage skills in Matlab, C++, and Python. Eager to collaborate with talented engineers on customer-oriented solutions and deliver real-world applications. Experience includes creating software simulations and enhancing internal tools for improved workflows. Passionate about developing innovative algorithms and research findings to make meaningful contributions. Committed to learning and adapting continuously in fast-paced environments while supporting the customization of plant models for diverse project requirements.

STRENGTHS

- 👥 **Effective Collaborator**
Thrives in team-based environments, known for actively contributing ideas and insights. Often sought after by peers for problem resolution assistance.
- ⚡ **Quick Learner**
Adapts rapidly in fast-paced situations, continually seeking opportunities for growth and deeper understanding.
- 📊 **Analytical Thinker**
Capable of breaking down complex problems into manageable components, ensuring precise solutions through strategic analysis.
- 💡 **Creative Problem Solver**
Formulating solutions often leads to enhanced team productivity, demonstrating willingness to explore unconventional options.
- 🔗 **Passionate Developer**
Drives motivation to build dynamic applications while deeply invested in customer success experiences.

SKILLS

Matlab C++ Python Simulink

Simulation Modeling

Plant Modeling Algorithm Design

Testing Methodologies

Team Collaboration

Research Skills

Hardware-In-the-Loop

EDUCATION

Bachelor's Degree in Computer Engineering

University of Illinois at Chicago 🎓 GPA: 3.5 📅 2024 📍 Chicago, IL

Coursework: *Software Engineering, Algorithm Design, Data Structures, System Simulation*

TECHNICAL SKILLS

- **Engineering Tools:** Matlab, Simulink, AutoCAD
- **Programming Languages:** C++, Python, Java
- **Simulation Software:** MATLAB, Simulink, Simio
- **Version Control Systems:** Git, SVN, Mercurial
- **Database Management:** MySQL, SQLite, MongoDB
- **Development Frameworks:** TensorFlow, PyTorch, SciKit-Learn
- **Operating Systems:** Windows, Linux, macOS
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Project Management Software:** JIRA, Trello, Asana
- **Research Methodologies:** Experimental Design, Case Study, Comparative Analysis

EXPERIENCE

Software Engineering Intern

Dynamic Solutions Inc. 📅 June 2025 - Present 📍 Chicago, IL

Focused on software and simulation projects with proficiency in Matlab and C++. Worked closely with teams to develop user-friendly applications meeting client specifications. Engaged in algorithm refinement and optimization during practical application settings.

- Collaborated on simulation modeling using advanced software tools and technologies.
- Assisted with internal documentation for reusable code and functionalities.
- Participated in improvement initiatives targeting efficiency and functionality of software products.
- Conducted analysis to identify areas for enhancement in existing applications based on feedback.

Engineering Intern

Innovative Tech Group 📅 June 2024 - May 2025 📍 Naperville, IL

Engaged in complex engineering projects specializing in simulation model customization. Assisted with technical documentation vital for team performance while incorporating customer needs. Contributed hands-on to enhance product usability within engineering standards.

- Contributed to algorithm design and testing methodologies for simulation purposes.
- Provided support in optimizing internal tools which increased workflow efficiency.
- Coadministered project-specific simulation models tailored to customer requirements.
- Joined in team discussions around scientific research that shaped ongoing projects.

Software-In-the-Loop

Communication Skills Adaptability

Customer Orientation

LANGUAGES

English Native

Polish Intermediate

MY CAREER




● Software Engineering Intern at Dynamic Solutions Inc. (1 Years)

● Engineering Intern at Innovative Tech Group (11 Months)

LEADERSHIP & AWARDS

- Received Technical Excellence Award for outstanding performance during internship at Dynamic Solutions Inc.
- Recognized as a top researcher in algorithm optimization at University of Illinois at Chicago.

CERTIFICATIONS

- Certified MATLAB Associate  2025

PROFESSIONAL AFFILIATIONS

- Member of IEEE Society fostering interest in electrical and electronics engineering.
- Participant in student-led programming workshops promoting coding skills among peers.

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST