

# Archyn Mikhailov

Beştepe, Söğütözü Cd. 12 A, 06560 Yenimahalle/Ankara

Phone: +90 537 593 8728

E-mail: archynlegentey@gmail.com

Website: <https://www.archyn.com.tr>

## 1 EDUCATION

- Bachelor of Science (BS)** Sep 2022 – Now  
*Computer Engineering, TOBB University of Economics and Technology, Ankara/Turkey*  
 - GPA: 3.3/4.0
- High School Diploma (HSD)** Sep 2018 – Aug 2022  
*High School of Science, Bahçeşehir Koleji, Antalya/Turkey*  
 - GPA: 98.7/100

## 2 TECHNICAL SKILLS

- Programming Languages:** Java, Python, TypeScript, JavaScript, C, Rust, Verilog, HTML/CSS
- Frameworks/Programs:** Svelte Kit, Capacitor JS, Tauri JS, Arduino, Android Studio, Vivado, Matlab

## 3 EXPERIENCE

- Laserwar Turizm E-Ticaret Ltd. Şti.** May 2022 – July 2023  
*Full stack Developer*
  - Developed responsive modern Svelte Kit website.
  - Completely redesigned UI/UX design,
  - Optimized website performance by implementing Vite JS and switching to Node server, leading to a 20% reduction in latency.
- Luminous Robotics** Mar 2021 – May 2022  
*Teaching Assistance and Mentor*
  - Demonstrated leadership as a teaching assistant, guiding weekly six-hour FRC/VEX robotics club sessions.
  - Provided mentorship to a group of 25 students, addressing their questions and challenges effectively.
  - Offered feedback on design, strategy, and programming approaches, resulting in improved robot performance.
  - Fostered a collaborative learning environment, helping students develop problem-solving skills and a deep understanding of robotics principles.
- Luminous Robotics** Sep 2019 – May 2022  
*Head of Mechanics and Programming*
  - Leadership in mechanics and programming departments, guiding weekly six-hour FRC/VEX robotics club sessions.
  - Actively immersed in the mechanics and programming aspects, playing a pivotal role within the team through hands-on involvement and deep commitment.
  - Spearheaded the integration of intricate mechanical designs and sophisticated programming techniques resulting great achievements.
  - Encouraged creativity and critical thinking, facilitating the acquisition of valuable hands-on experience, and promoting a passion for robotics among the students.
- Veraconn Teknoloji A.Ş.** Jun 2019 – Aug 2019  
*Summer Internship*
  - Collaborated with middle developers on real-world projects, contributing to front-end development.
  - Participated in code reviews, improving code quality in web development.
  - Developed a solid understanding of web development workflows, from design to deployment.

## 4 PROJECTS

- Etumobile - Academic management mobile application**
  - Designed and developed the Etumobile application utilizing Svelte Kit and Capacitor JS.
  - Application allows users to view weekly lesson schedule, accessing students, teachers, lessons with related details, managing profiles, tracking GPA, accessing school emails, and more.
  - Application has modern and responsive design compatible with both iOS and Android platforms
- Grovio - Music application**
  - Designed and developed the Grovio music application utilizing Svelte Kit and Tauri JS.
  - Application allows users to search, stream, and download music from vast streaming services like YouTube Music, Spotify, Deezer, SoundCloud, and more.
  - Implemented a clean and intuitive user interface for easy navigation and interaction.
- MarkMate - Markdown editing application**
  - A modern and user-friendly Tauri JS based markdown editing application.
  - Integrated Svelte Kit and Rust to deliver a streamlined and efficient platform for creating and editing markdown documents.
  - Prioritized a minimalistic design that enhances productivity and readability for users.
  - Implemented real-time preview and syntax highlighting for an improved editing experience.
- Personal Website**

- Designed and developed a personal website using Svelte Kit to showcase projects, skills, and experiences.
- Implemented responsive design and engaging user interface.
- Implemented dynamic animations and transitions using JavaScript
- Link to website: <https://www.archyn.com.tr>

- **Micro Mouse**

- Led a team project focused on creating an autonomous maze-solving robotic mouse.
- Designed algorithms for maze navigation and obstacle avoidance.
- Collaborated on the hardware design and programming implementation.
- Achieved successful maze completion and optimization.

- **FRC/Vex robotics**

- Mechanical/programming leader in Luminous 9081 team on multiple FRC/VEX robotics competitions.
  - Led programming efforts, implementing code for robot functionality and control.
  - Collaborated with mechanical and electrical team members to ensure seamless integration.
  - Achieved overall winner award as team in regional competition.
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## 5 PERSONAL SKILLS

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- **Languages:** English, Russian, Turkish, Sakha(Yakut)
  - **Sports:** Swimming, Calisthenics, Table Tennis, Athletics
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## 6 REFERENCES

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- **Doruk Özsevim**
    - Technical Lead Laserwar Turizm E-Ticaret Ltd. Şti.
    - E-mail: [dorukozsevim@gmail.com](mailto:dorukozsevim@gmail.com)
  - **Ali Doğücü**
    - Club Advisor Luminous Robotics
    - E-mail: [alidogucu@gmail.com](mailto:alidogucu@gmail.com)
  - **Hakan Gedici**
    - Supervisor - Summer Internship Veraconn Teknoloji A.Ş.
    - E-mail: [hakangedici@gmail.com](mailto:hakangedici@gmail.com)
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