

SEMYON TYO

Almaty, Kazakhstan

☎ +77472828688

✉ semyon24042008@gmail.com

🌐 [GitHub](#)

🌐 [Website](#)

PROJECTS

OutfiTunes | ReactJS, Spotify API, JS, CSS, HTML

May 2025

- Playlist-to-Outfit Generator leveraging Spotify data and fashion analysis.
- [Live site here](#)

aerosness.github.io | ReactJS, JS, CSS, HTML

February 2025

- Personal portfolio site showcasing projects and creative work.
- [Live site here](#)

Echoes of the Past | Unity, C Sharp

December 2024

- Historical storytelling game created during Nomad Game Jam.

OCR Archive Hack | Flask, Python

September 2024

- Optical character recognition tool for digitizing archival documents.
- Developed during Archive Hack hackathon.

Radeon Site Clone | Django, Python, HTML/CSS

November 2024

- Clone of Radeon website showcasing Django templating and responsive design.

Decentrathon 2.0 Car AI | Unity, C Sharp

October 2024

- Developed AI model for autonomous driving simulation in hackathon.

Decentrathon 3.0 Clustering | Python, HDBSCAN

May 2025

- Clustered bank user transaction data using HDBSCAN to identify customer segments.

INTERNSHIP

E4 Capital

February 1 2025 – March 31 2025 *Web Software Developer*

Almaty, Kazakhstan

- Analyzed requirements and participated in end-to-end feature development.
- Built web components using React and Django frameworks.
- Participated in testing and deployment processes.

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL **Developer Tools:** VS Code, Photoshop, Unity **Technologies:** ReactJS, Git, GitHub

EXTRACURRICULAR

Nomad Game Jam

December 2024 *Game Developer*

Game Jam

- Created "Echoes of the Past" in C with Unity under 48-hour constraints.

Archive Hack

September 2024 *Participant*

Hackathon

- Developed OCR Archive Hack tool in Flask for document digitization.

Decentrathon

October 2024 / May 2025 *Participant*

Hackathon Series

- Led team in building autonomous driving AI (Decentrathon-2.0).
- Implemented customer clustering with HDBSCAN (Decentrathon-3.0).

CERTIFICATIONS

• *Diploma, Software Development – StepAcademy*