Anton Melnychuk

Ukraine, USA (F1 Visa) | ⓞ https://github.com/anton-mel | anton.melnychuk@yale.edu
Undergraduate CS sophomore student | Full Stack Developer | Internship

EDUCATION

Yale University' 26, Undergraduate, GPA: 3.74/4.00   *Aug 2022 - Present*

- Computer Science major (Computer Vision track), Data Science and Japanese Certificates, prospective CV Master's.
- Coursework in core CS, operating systems (CPSC 323), artificial intelligence, proof based algorithms (CPSC 365), DataBases.
- Technology & Research Scholars (STARS), First Year-Scholars at Yale.
- Co-founder and Tech Officer at the Ukraine House at Yale.

Osaka Gakuin University, Study Abroad, GPA: 4/4   *Jun 2023 - Aug 2023*

- CET, Japan Study Abroad Program; acquired upper-intermediate Japanese.

WORK EXPERIENCE

Yale Butteries App, Software Developer   *Sep 2023 - Present*

- Within a team of 9 students at Y/CS Club developing the Yale Butteries App (React Native, Bash, Docker), a mobile application enabling students to place online food orders from their dormitory cafeterias. Published on the Apple Store.
- Contribute to the development of YaleClubs, to provide a more user-friendly way of organizing clubs at Yale (Node.js, React Native, MongoDB). Implemented features include YaleConnect parsing, comments system, and search functionality.

Sailing Wind Data Analysis, Data Analyst (3h per day)   *Jun 2023 - July 2023*

- Conducted data analysis volunteering for an Ukrainian team participating Bermuda Race Yacht sailing competition, assessing the accuracy of 6 global weather forecasting data models; designed and implemented algorithm to find the optimal sailing route based on model characteristics derived though my observations.
- 3rd place out of 5 boats in their category.

Student Technology Collaborative, Designer (8h per week)   *Oct 2022 - June 2023*

- Under Media Branch developed graphic design (Figma, Illustrator, Photoshop, Effects, Blender) for on-campus events, organizations, and clubs including Office of International Students, YHack v9.4, Yale Peer liaison Program and other.

Ukrainian Environmental Organization ESMU, Software Developer (Organization Closed)   *Jun 2021 - Aug 2021*

- Under ESMU Initiative, developed and launched a TurBOTa Chrome Extension to assess brand cruelty and vegan status, promoting cruelty-free practices and PETA certification. 600+ certified brands across 20+ categories.
- Developed a branded website and CRM for All-Ukrainian ecological NGO ESMU on PHP/SQL, focused on youth engagement in eco activism and environmental education advocacy.

PROJECTS

ApiCRM System, Software Developer (In development/ GIT)   *Aug 2023 - Present*

- Open-source common (CRM) Customer Relationship Management system that would allow web-based businesses to flexibly manage data through API routing to AWS cloud-located dababases (Next.js, React, MySQL, Prisma, MongoDB).

Live Messenger, Software Developer (GIT)   *Aug 2023 - Sep 2023*

- Implemented real-time messenger website on React, Node.js, MongoDB, Pusher, Cloudinary.

COMMUNITIES

Ukraine Global Scholars 501(c)(3), Mentor   *Jan 2021 - Present*

- Selected in 2021 as top-70 promising students in Ukraine to apply to schools in the United States.

Technical Skills: Python, OOP, C/C++, React, React Native, Expo, Next.js, Docker, MongoDB, SQL, Bash, Postman, Cloudflare, PHP, JS, TypeScript, CSS/LESS, Bootstrap, HTML, GIT, Unix, R, Tkinter, SCRUM, LaTeX.

Soft Skills: Quick Learner to New Technologies, Japanese (Advanced Low), English (Fluent), Ukrainian (Native), Polish (Listening Comprehension), Guitar, Sailing.