

Kyrylo Boiko

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EDUCATION	The University of Texas at Austin - Austin, TX <i>B.Sc. Computer Science & Certificate in Smart Cities</i> Involvement: <ul style="list-style-type: none">• <i>Research Assistant, Urban Information Lab</i>• <i>Engineering Lead, ECLAIR Robotics</i>• <i>Volunteer, Impact Corps</i>	2020 – 2023
WORK EXPERIENCE	Broadleaf Commerce - Plano, TX (Remote) <i>Software Developer</i> <ul style="list-style-type: none">• Design and build features/sponsored prototypes that multiple \$10M+ Enterprise clients are actively using• Build solutions for client support issues and create framework improvements with Java Spring• Perform major version migrations across 10+ microservices & gateways with custom components to fit client specifications <i>Software Intern</i> <ul style="list-style-type: none">• Developed functionality for feature which allowed Enterprise customers to create B2B stores.• Created 20+ endpoints across multiple microservices, along with processing and storage layers• Built unit and integration tests for each of my contributions and QA-tested past tickets for a minor release Trend Micro - Austin, TX <i>Research & Development Intern</i> <ul style="list-style-type: none">• Created a pipeline to pull years' worth of data from a database, which now continuously updates ElasticSearch• Built customizable Kibana dashboards of various technical metrics using Vega scripting which replaced the Release team compiling 20+ Excel charts every 2 weeks Parimatch Tech - Kyiv, Ukraine <i>Software Development Intern</i> <ul style="list-style-type: none">• Executed a data handling/storage system in Python, designed to handle up to 20M entries/day from the company's website logs• Produced anonymized and encrypted data for usage in suspicious pattern classification neural networks• Used PostgreSQL for interfacing with database and pulled data from Kibana with elasticsearch	July 2023 – Now June - December 2022 June - August 2021 June - August 2019
RESEARCH & PROJECTS	Engineering Lead, ECLAIR Robotics <ul style="list-style-type: none">• Recruited and led a team of 3 undergraduates to develop a fitness tracker prototype• Built a device to track workout exercises using surface mechanomyography• Prototype was a foundation for utilizing clustering neural networks to detect exercise type and repetition counts in real-time Research Assistant, UT Urban Information Lab <i>Project Leads: Dr. Junfeng Jiao & Dr. Jason Abrevaya</i> <ul style="list-style-type: none">• Used Tableau to display dynamic analytics on state of Texas Entrepreneurship for each county• Analyzed the relationship of 10 socioeconomic data points to entrepreneurship factors• Completed a 14-page project report on our findings Co-Founder & Backend Lead, Unreleased event marketplace platform	2023 2022 2021 - 2022

- Designed and implemented a secure and robust API with authentication, authorization, and search using Django Rest Framework

commsaurus, open source command-line thesaurus tool (gitlab.com/the_chirik/commsaurus) 2019

AWARDS **Tracor/Frank McBee Scholarship**, UT Austin Computer Science 2022

Merit Scholarship, Bridge4Students 2022

INTERESTS **Hobbies:** European football (soccer), Karate, Board gaming, Hiking, Snowboarding

Languages: Ukrainian (*native*), English (*full proficiency*), Spanish (*basic*), Russian (*native*)