MICHAEL ZASLAVSKIY

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EDUCATION

Washington University in St. Louis | GPA: 3.92/4.00   **Anticipated May 2025**
Bachelor of Science in Systems Science and Engineering (ABET), Minors in Architecture and Computer Science
- **Awards:** Annika Rodriguez Scholarship Program (1% acceptance rate, full-tuition scholarship for academics, leadership, service), Dean's List, RA Emerging Leader Nominee (10%), Alpha Kappa Psi Professional Business Fraternity

PROFESSIONAL EXPERIENCE

Amazon | West Chicago, IL   **June 2024 – August 2024**
Operations Management Intern, Amazon Logistics
- Real-time data-driven decision making during overnight shift to optimize 80-120-person operation across 8 core functions, helping process and dispatch 40,000+ packages daily and 80,000+ during Prime with 99.7% compliance
- Bridged 3 language barriers affecting 26% of employees via 2 initiatives, decreasing quality defects from top offenders by 58%
- Deep-dived First Pass Yield metrics and conducted 90+ audits to inform key process optimization, performance recognition, audit structure, safety, and warehouse-wide 5S improvements targeting $7,800 of monthly costs, achieving 40% decrease in FPY defects
- Assessed SOPs, six sigma, and lean methodologies for root-cause analysis of quality errors in report presented to senior operations

McKelvey School of Engineering | St. Louis, MO   **January 2024 – Present**
Assistant in Instruction (AI), ESE 205 Autonomous Vehicle Design Laboratory
- Lead 70 undergraduate and dual-degree students in building a self-driving car using Raspberry-Pi programming and circuit components such as an AD converter, Pi Camera, Ultrasonic sensor, Servo, Photoresistor, and DC Motor
- Instruct Python (OpenCV, NumPy, SciPy, Matplotlib), Git Bash, Linux, SSH, and circuit/systems theory to incorporate image processing, depth sensing, proportional-derivative-integral (PID) control, and threading capabilities
- Arrange office hours to debug student circuit and software algorithm errors; assemble and repair 21 PiCars with manual hand tools

Skandalaris Center for Entrepreneurship - Article 26 | St. Louis, MO   **June 2023 – August 2023**
Startup Growth Intern
- Conducted market research of 17 competitors in the budgeting, financial literacy, and EdTech sectors
- Crafted product documentation and self-learned Figma to create user stories, user journey map, and user experience mockups of a mobile app teaching applied financial literacy and money management via gamification
- Established a B2B go-to-market strategy and pitched product to 100+ investors and stakeholders, refining presentation skills

LEADERSHIP EXPERIENCE

WashU Office of Residential Life | St. Louis, MO   **August 2023 – December 2023**
Resident Advisor (RA)
- Assess and respond to the needs of 47 diverse first-year students and 350+ building-wide in collaboration with 11 RAs
- Advocate for 113 RAs as a liaison to residential life leadership, achieving guidebook restructure to increase resource accessibility
- Organize 5 floor events with $300 annual budget, achieving 85% average attendance to cultivate positive living community
- Serve in overnight on-call rotations to address community emergencies and safety including suicidal ideation, Title IX incidents, substance abuse, interpersonal conflict, and maintenance concerns for 3,000+ residential students in 23 buildings

McKelvey School of Engineering | St. Louis, MO   **August 2023 – December 2023**
Problem Solving Team Leader, Introduction to Electrical and Systems Engineering
- Led 2-hour 1:1 and group learning sessions to guide 11 students through case study homework problems and answer quiz questions
- Explained applied linear algebra concepts, overseeing their implementation in MATLAB projects involving k-means clustering of St. Louis COVID data, audio signal processing, SIRD infection modeling, and the simulation of optical imaging systems

Sam Fox School of Architecture | St. Louis, MO   **August 2022 – November 2022**
Project Manager – Practicum Experience
- Coordinated 12 bachelor and graduate students in designing a cultural complex honoring North Nashville's historic community
- Interfaced with 4 cross-functional teams covering cultural research, CAD, physical construction, and visual representation
- Delivered 7 Agile project requirements by defining project scope, team-specific roadmaps, project timeline, and KPIs
- Strategized and presented PowerPoint pitch with co-manager to 150+ attendees consisting of 3 judges and 13 university teams

SKILLS & INTERESTS

Coding: Python (SKlearn, Pandas), JavaScript, Java, MATLAB, R, HTML5, CSS, React Native, Swift, Linux, VBA
Software: Microsoft Word, Excel, Adobe Photoshop, Illustrator, Figma, Rhino3D, Autodesk Revit, AutoCAD, LaTeX, VScode
Coursework: Control Systems, Data Structures and Algorithms, Discrete Mathematics, Signals and Systems, Circuits Laboratory, Machine Learning, Probability and Statistics for Financial Engineering, Design Processes, Drone Laboratory, Technical Writing
Trilingual: Russian, Spanish, English; Elementary French | **Interests:** Bollywood/Salsa dance, Hiking, Entrepreneurship