

PETER MANEYKOWSKI

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EXPERIENCE

Integra Credit

Chicago, IL

Senior Software Engineer

July 2022 - Present

- Designed and launched enhancements to Ruby on Rails payment processing workflows, reducing failure rates by 95% and increasing repayment success and user flexibility
- Updated core application logic to maintain 100% compliance with evolving federal and state lending laws (including Small Dollar Lending Rule), ensuring uninterrupted loan applications for 20K+ daily users
- Served as key contributor in company cloud migration, transitioning from Rackspace compute instances to AWS Kubernetes (EKS) pods, improving system reliability, scalability and maintaining zero downtime during transition
- Lead daily standups with junior engineers to drive sprint progress, unblock development tasks and foster team alignment and accountability; provide technical mentorship and code review feedback, helping improve junior engineers ramp-up time and overall code quality

Integra Credit

Chicago, IL

Software Engineer

March 2021 – July 2022

- Collaborated with cross-functional stakeholders, including Product, QA and DevOps to scope, build and deliver key releases with minimal production incidents and tight delivery timelines
- Integrated third-party services (Plaid API) to improve identify and asset verification within the underwriting pipeline, enhancing decision accuracy and user experience

Integra Credit

Chicago, IL

Junior Software Engineer

January 2020 – March 2021

- Built an end-to-end testing framework for microservice communication in a Dockerized environment
- Scaled the engineering team by 150% and built out the global development squad to accelerate product development and support rapid company growth

Caterpillar Inc.

Research Park Champaign, IL

Data Innovation Lab Intern

2015-2017

- Developed a full-stack mobile and web application using Python (Flask) to streamline inventory management across CAT dealerships, which was later adopted globally to enhance service efficiency
- Collaborated with cross-functional teams to interface with GE's Predix data analytics platform extracting actionable insights to optimize inventory management for Caterpillar machine equipment
- Researched and applied open-source computer vision tools (OpenCV) to automate part identification, enabling accurate feature recognition and part number classification

UIUC Department of Industrial Engineering

Champaign, IL

Research Associate

May 2016 – November 2019

- Assistant to Dr. Richard Sowers in his work on creating machine learning models for solutions to problems related to agriculture and analyzed the GPS of farmers in soil/soybean composition to better predict annual yields
- Coauthored a published paper: *Algorithmic Geolocation of Harvest in Hand-picked Agriculture* and developed statistical models using SciPy

EDUCATION

Bachelor of Science, University of Illinois at Urbana-Champaign School of Engineering

Major in Systems Engineering & Design

Secondary Field in Computer Science

Dean's List and The Kenneth W. Hamming Scholarship (based on academic merit)

Champaign, IL

December 2019

ADDITIONAL INFORMATION

- Proficient in C, C++, PHP, Python, NumPy, SciPy, OpenCV, Flask, Java, Node.js, R, MATLAB
- Languages: Polish (fluent)
- Interests include Tennis (5.0 NRTP rating), Chess, Skiing, Music, Traveling