

# Ian Heraty

Chicago, Illinois, USA

Phone: +1.630.891.0692 • Email: heratyian@gmail.com • Blog: heratyian.github.io

## Summary

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Relentless tech innovator, founder, and educator with a track record of bringing bold ideas to life. Proficient in scaling software solutions across web, mobile, and hardware platforms—driven by a first-principles approach to problem-solving. Polyglot developer adept at managing teams, and unafraid to tackle uncharted technical challenges. Seeking impactful missions that require visionary thinking, rapid execution, and uncompromising quality.

## Education

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### University of Notre Dame

2009 – 2012

Bachelor of Arts (BA)

## Professional Experience

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### Discovery Partners Institute (University of Illinois)

Jan 2023 – Present

Software Development Educator, Chicago, IL

- Designed and led advanced curriculum for full stack software development, instilling real-world engineering practices and innovation mindsets.
- Mentored diverse cohorts of aspiring technologists, focusing on software development fundamentals, rapid prototyping, and problem-solving.
- Collaborated with top-tier companies like John Deere, SAP, HCSC, Zebra Technologies, Underwriters Laboratories, United Airlines, and CIBC to match students with roles in software engineering, consulting, project management, sales, quality assurance, and business analysis.
- Successfully guided students to exceed expectations at leading companies, resulting in impactful contributions across various roles, demonstrating the program's effectiveness in real-world job placement.

### Big Green Company

Sep 2020 – Present

Co-Founder, Chicago, IL

- Spearheaded receipt-ai.com, an innovative, AI-driven platform that enables users to effortlessly upload receipts via SMS, email, or web, making the process seamless and accessible.
- Leveraged machine learning to digitize and analyze receipts, providing real-time, actionable insights that drive smarter business decisions.
- Directed strategy and product development, ensuring continuous iteration and deployment of cutting-edge solutions that are both user-friendly and revenue-generating.

### Nerdery

Mar 2017 – Sep 2020

Senior Software Engineer, Chicago, IL

- Delivered high-impact software solutions across multiple technology stacks to meet diverse client needs in supply chain management, business processes, consumer goods, and more.
- Consistently exceeded client expectations, playing a key role in delivering projects that drove business transformation efficiently and on schedule.
- Recognized for exceptional performance, logging the most billable hours of any employee in the Chicago office in both 2018 and 2019, reflecting strong commitment and client satisfaction.

### Mi-Jack Products

May 2016 – Mar 2017

Software Engineer, Homewood, IL

- Delivered impactful solutions by developing a mobile app for "power-in-lock" container shipping smart locks, enabling real-time lock status monitoring, configuration, logging, and firmware updates, streamlining operational efficiency for clients.
- Designed and implemented an automated testing framework to detect defects in manufactured smart locks, ensuring high-quality standards and minimizing costly errors in production.
- Led development efforts for *Mi-Star V2*, collaborating with stakeholders to align engineering goals, define requirements, and integrate innovative solutions that enhanced product functionality and reliability.

## Freelance iOS Developer

*Jan 2016 – Mar 2017*

- Designed, developed, and launched 3 successful iOS apps on the App Store, delivering high-quality user experiences.
- Created interactive and engaging games (e.g., *GoChickenGo*, *GingerCat*), focusing on performance, usability, and scalability.

## Additional Roles

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### imoo

*Jan 2016 – Jun 2016*

*Software Localization Consultant*

- Adapted English-language Android/iOS watch apps and firmware to Thai market, ensuring seamless user experiences.
- Contributed linguistic and technical expertise to optimize cross-cultural product adoption.

### Nanshan Second Foreign Language School

*Aug 2012 – Apr 2016*

*Teacher, Shenzhen, China*

- Managed 15 large classes/week, developed "A for the Day" grading system—drastically improved student engagement.
- Gained professional-level Mandarin Chinese, refining cross-cultural communication and leadership in a high-intensity environment.

## Early Experience

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### University of Notre Dame Phone Center

*Sep 2009 – Jul 2012*

*Caller*

- Raised \$100K+ across 5 semesters by cultivating strong alumni relationships and demonstrating persuasive negotiation skills.

### XR Trading

*Aug 2011 – Jan 2012*

*IT Intern, Chicago, IL*

- Installed, configured, and troubleshoot computer hardware, software, and networks for a high-frequency trading firm, honing rapid problem-solving under mission-critical conditions.

## Key Skills & Languages

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- **Programming Languages:** Ruby, Javascript
- **Frameworks:** Rails, Stimulus
- **Methodologies:** Agile, Scrum, End-to-End Product Development
- **Spoken Languages:** English (Native), Chinese (Professional), German (Limited), Spanish (Elementary)

- **Additional Highlights:** Nerdery Texas Hold'em Champion (2019, 2018)