

Tyler Citrin

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Current Address:
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EDUCATION

Indiana University, Bloomington, IN

GPA 3.74/4.00, December 2018

School of Informatics and Computing

Bachelor of Science in Computer Science: **Intelligent Systems**

Kelley School of Business

Bachelor of Science in Business: **Operations Management**

Honors: Dean's List, Shoemaker Scholar, Founders Scholar, Dean's Scholarship, Direct-Admit to the Kelley School of Business

Distinguished Program: BEST Aspiring Entrepreneur Program

May 2016 – August 2016

- Awarded summer scholarship to develop a personal venture: received mentorship and participate in collaborative discussions.

Distinguished Program: Shoemaker Scholars

January 2015 - Present

- Selected to serve as an ambassador to foster cross-campus entrepreneurship and collaboration at Indiana University.

Distinguished Program: Technology Consulting Awareness and Readiness Program (TCARP)

January 2016 - May 2016

- Selected to participate in hands-on seminar series built by EY and Deloitte to prepare for the field of Tech-Consulting.

Evans Scholar

- Recipient of full-tuition and housing scholarship annually awarded to approximately 210 students nationwide for strong academics, exemplary character, and an outstanding caddie record.

EXPERIENCE

Crowe Horwath LLP, Indianapolis, IN

May 2017 – August 2017

Software development Intern

- Developed an administrative portal for managers to carry out bulk upload/copy/create operations to automate onboarding of new client and new business/office location acquisitions (*MVC, C#, Javascript, JQuery, Ajax, Agile*)
- Constructed dashboard composed of multi-tier JS promises to populate user-to-customer conversion statistics (*Javascript*)
- Enhanced legacy web-app integrating old code with modern frameworks and practices (*Javascript, AngularJS, Microsoft CRM*)

PROJECTS

Nerd-Herd

May 2017 – Present

A web-app that fosters a collaborative developmental, educational, and communal environment by connecting local computer scientists.

- Built CRUD and Query functionality on top of firebase; flatten database to minimize retrieval complexity (*NoSQL*).
- Create and maintain new services and features; plan and design overall app structure and user experience (*Angular4, Typescript*).

Vigeo, Inc.

May 2015 – March 2017

A cross-platform mobile application that provides users with a personally curated list of local events and communities in their area, allowing them to connect and share new experiences with like minded people.

- Designed and implemented RESTful API (*Python, flask*) as well as the models using the MVVM approach in Xamarin Forms.
- Created a seamless user experience by integrating third party APIs such as “*AllEvents*” for event aggregation, *Facebook* for user friends and registration, “*Realm*” for an on-phone cached database and offline storage, “*Grial Kit*” for XAML UI templating.
- Migrated Postgres database to Azure platform to leverage “*Azure App Services*”; upgraded to Entity Framework, using Code-First (models) approach and Fluent API for DBO/DTO mapping (key/table relations)
- Maintained abstraction in Xamarin “*PCL*” to delegate platform-specific functionality at runtime using dependency injection.
- Utilized “*HockeyApp* (platform)” for continuous distribution to testers, crash reporting and analysis, and gathering user feedback.
- Conducted investor negotiations; completed incorporation, stock agreements, corporate taxes; pitched in various competitions.

SKILLS

Programming Languages:

Java, C#, Python (*current*)

Web and Database:

Angular 2/4, Firebase, JSON, PostgreSQL, NoSQL, Flask

Other:

Linux, Visual Studio, Xamarin, Eclipse

LEADERSHIP AND ACTIVITIES

IUSF Little 500, Bloomington, IN

January 2017 - Present

Racer, Head of Fundraising

- Spearhead fundraising and outreach efforts and act as a liaison to the house E-Board for budgetary considerations.

Evans Scholar House – Indiana Chapter, Bloomington, IN

January 2017 – Present

Administrative Vice President

- Elected to executive board to manage house maintenance and serve as intermediary to contractors related to house operations.

Other Awards and Distinctions

New Jersey State Scholar Athlete Award (NJSSIAA), New Jersey Scholar (NJSP), Rotary Youth Leadership (RYLA), Boy's State (ALJBS)

Other Activities

Camp Kelley K-Team Leader, Kelley Peer Coach, Student Body President, American Cancer Society, Relay for Life, TAMID, Kappa Alpha Theta, Scholarship Advisory Committee, IU Men's Club Soccer, LeaderShape, Springfield First Aid Squad

INTERESTS

Cycling | Soccer | Travel and Culture | Fitness | Nutrition | Rubik's Cube | Cooking