

VIDIT KHANDELWAL

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EDUCATION & HONORS

DePauw University | Greencastle, Indiana

August 2019 – May 2023

Bachelor's degree in Computer Science with a Minor in Economics

- **GPA:** 3.87 (cumulative), 3.85 (major), 3.85 (minor)
- **Awards:** Robert Thomas Outstanding Senior Award, Outstanding Service to the Computer Science Department, Computer Science Honor Society, ITAP Honors Program, Dean's List all semesters, Summa Cum Laude Latin Honors
- **Selected Coursework:** Data Structures, Software Development, Artificial Intelligence, Graphics, Web Development, Mobile Development, Computer Security, Statistics, Financial Accounting, Development Economics, International Economics

New College, University of Oxford | Oxford, United Kingdom

September 2022 – December 2022

Visiting Student, International Economics and Creative Writing

- **GPA:** 3.85
- **Organizations:** New College JCR, Oxford Union Society

WORK EXPERIENCE

Software Development Intern

November 2022 – December 2022

Pixus, Inc. | Remote

- Increased efficiency by 30% through continued reduction in code complexity and agile development of the CaptureNoire photography application.
- Achieved 60% reduction in onboarding time and improved collaboration by writing technical and non-technical documentation for the source code.

Software Engineer Intern

June 2022 – August 2022

Pixus, Inc. | Indianapolis, Indiana

- Developed CaptureNoire, a photography app for Android optimized for people with a broad range of skin tones, with an upcoming beta release.
- Applied UI/UX design and Android app development best practices as the sole person with a computer-science background at this early age start-up.
- Built an image processing backend with results 90% like competing apps while having 30% less complexity based on device type, and RAM usage.
- Engineered the app to be efficient in its memory usage for compatibility with most smartphones, ensuring optimal performance for all intended users.

Marketing Intern

November 2021 – May 2022

DePauw University Hubbard Center for Student Engagement | Greencastle, Indiana

- Increased reach by 50% by implementing a new marketing strategy to bolster the efforts of the career center through strategy meetings with directors.
- Effectively marketed events to 1700+ students through an omni-channel approach by delegating work to the team in weekly meetings.

Information Services Summer Intern

June 2021 – August 2021

DePauw University Information Services | Greencastle, Indiana

- Collaborated with IT professionals to deploy new hardware and software solutions on 50+ locations across campus with zero disruptions or outages.
- Oversaw the Help Desk and ticketing system, ensuring adherence to established workflows and completion of 95% of open tickets within 30 minutes.

Web Developer Intern

August 2020 – December 2020

DePauw University Web Services | Greencastle, Indiana

- Achieved an optimization boost of over 60% for DePauw University by leveraging powerful SEO tools of BigTree CMS and PageSpeed Insights.

ITAP Intern

August 2019 – May 2020

DePauw University ITAP Institute | Greencastle, Indiana

- Participated in weekly training sessions for the highly selective ITAP honors program at DePauw University that accepts just 20% of applicants.
- Enhanced classroom experiences using data visualization technologies such as Tableau and ArcGIS, increasing student engagement by over 50%.

SELECTED PERSONAL PROJECTS (Source code and other projects on GitHub)

Squawk Social

- A social media platform targeted towards Generation Z, with the primary purpose of engagement being unconventional emoji reactions.
- Made using TypeScript, Next.js, Supabase (Storage and SQL Database). Auth0, Tailwind CSS, and Framer Motion.

Xzayvian GPT

- A chatbot based on OpenAI's GPT 3.5 LLM, with support for user accounts and search history.
- Made using TypeScript, Next.js, Firebase (Firestore), and Auth0.

Turbobiz

- A web app that uses OpenAI's GPT 4 LLM to generate business ideas based on desired country, location, and size.
- Made using TypeScript, Next.js, Tailwind CSS, and Firebase (Firestore and User Authentication).

Portfolio

- A frontend-heavy technical and academic portfolio made using popular design principles such as bento grids, glassmorphism, and micro-animations.
- Made using TypeScript, GraphQL, Next.js, Tailwind CSS, Framer Motion, Hygraph CMS, and Amazon SES.

Cerulean (ongoing)

- An elevated to-do web app, with priority tags, task dependencies, due dates, reminders, and more.
- Made using TypeScript, Next.js, Tailwind CSS, and Firebase (Authentication, Firestore, and Cloud Messaging).

SKILLS

Programming Languages: Java, TypeScript, JavaScript, Node.js, Python, C++, HTML5, CSS3, SCSS, SQL (SQLite, PostgreSQL, MySQL), GraphQL, Erlang, PHP

Cloud Platforms: Firebase, Supabase, Google Cloud, AWS, Vercel

Frameworks and APIs: Next.js, React.js, Tailwind CSS, Bootstrap, jQuery, Express, Pandas, NumPy, Auth0, Axios, Redux, OkHttp, Retrofit, Framer Motion, GSAP

Development Tools, Platforms, and Processes: Git, GitHub, SDLC, Unit Testing, MVC, MVVM, Agile, CI/CD, REST, Visual Studio, Android Studio, Figma, Spyder

Other Tools and Software: Excel, PowerPoint, Google Workspace, Hygraph CMS, BigTree CMS, Affinity Suite, Tableau, ArcGIS, Trello, Asana, Notion

EXTRACURRICULAR EXPERIENCE

Co-Founder

August 2022 – May 2023

International Computer Science Association

- Coordinated seminars on topics ranging such as Networking and Web Development, with 80% of attendees reporting increase in knowledge.
- Supervised the operational framework of the organization by overseeing contracts, access to documents, and constitutional adherence, resulting in 50% increase in operational efficiency compared to similar organizations.

The Pitch Program

June 2022 – August 2022

TechPoint

- Won as part of the University team for developing an innovative solution to increase tech jobs involvement in Indiana, winning a \$8000 prize.

International Student Ambassador

June 2021 – May 2022

DePauw University Center for Diversity and Inclusion

- Conducted the 5-day International Orientation along with 10 ambassadors, with 8 information sessions, icebreakers, and round the clock support.

Other Involvements: International Student Association, International Student Advisory Board, Student Government Programming Council, DePauw Dharma Club