

James D. Schwartz

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London, NW3

November, 2024

Cover Letter

Dear Hiring Team,

A bit about me:

Born and raised in an Amish community, I became the first of 107 cousins to attend university. I graduated with degrees in Engineering and Technology with Highest Distinction, a Purdue University *Top 50 Student*.

My Career as a Full-Stack Web and Mobile App Software Engineer / C# .NET Developer:

In 2019, I launched *Puzld*, my Xamarin mobile app installed in 64 countries with zero crashes. In my first professional role, I built a proprietary CRM tablet app in half the expected project time. Since then, I've maintained enterprise applications, delivering clean, scalable code with a strong end-user focus.

A bit more about me:

I've gained global business and industry perspectives from living on four continents and studying in five countries. A proud member of The Magic Circle in London, I've performed as a magician around the world, enhancing my creative thinking, problem-solving skills, and the ability to connect with diverse audiences.

I thrive in cross-functional environments, collaborating effectively across design, engineering, and business teams. Learning and discovery remain insatiable passions, and I'm eager to use data and technology to develop solutions for today's tech industries.

I'm actively considering roles that take advantage of my:

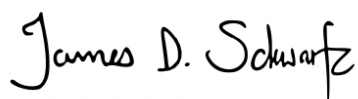
- Extensive technical expertise, with 3+ years' experience as a software dev/engineer
- Demonstrated exceptional strength in analyzing data
- Public speaking skills
- Masters-level knowledge of Human Computer Interaction (HCI)/human psychology

My professional achievements, interdisciplinary academics, and unique personal experiences have equipped me with a remarkable blend of hard and soft skills—fostering a deep appreciation for diverse viewpoints.

I'm excited to contribute my technical skills, user-centered insights, and creative problem-solving abilities with positive energy—to maximize impact on my next team.

Thanks for your time and consideration!

Best,



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EDUCATION

University of Westminster (2022) **Master of Science**, Distinction. Online word puzzle (CRAT) experiment.

Purdue University (Class of 2016 **Top 50 Student Award**)

- **Bachelor of Science**, Information Technology, First Class/Highest Distinction
- **Associate of Science**, Electrical Engineering, First Class/Highest Distinction

Universities of Bern, Fribourg, and Neuchâtel, Switzerland (2016) *Swiss Joint Master of Science Computer Science program*

Queensland University of Technology | Brisbane, Australia (2014) *Information Technology program*, Distinction

CERTIFICATIONS

- **Proficiency in C#** | Pluralsight (Oct, 2024)
 - **Xamarin, .NET MAUI**, Cross-platform applications
- **Data Analytics** | Google (Aug, 2024)
 - SQL, R

PROFESSIONAL SWE EXPERIENCE

Full-Stack Mobile App Software Engineer, C# .NET Developer | Puzld, LLC. | [Puzld.com](https://puzld.com) (2016/Present)

- Installed in 64 countries with zero crashes. **Xamarin**, C#, .NET; Azure Cloud Services, Google Firebase.
- Overcame parity invariant algorithm challenge to resolve complex puzzle generation issues, improving user retention and engagement. Game allows users to turn photos into sliding puzzles.
- Microsoft amended their C#/.NET online documentation, after I identified and reported a discrepancy.
- Created custom script to automate app icon creation process to 20x faster; Command line, bash, Unix/Linux.

Full-Stack C# .NET Xamarin Native Developer | Charter Communications | Denver, Colorado (2019)

- Improved user engagement and conversion rates by resolving 25+ logic, UX, UI issues, and incorporated tracking system for user analytics. Ran unit tests for enterprise telecommunications account management app.
- Integrated native iOS & Android accessibility features for hearing- and vision-impaired users, ensuring inclusive design and enhanced usability.

Full-Stack C# .NET Mobile and Web Developer | Ash Brokerage | Fort Wayne, IN (2016–2018)

- Produced Windows UWP tablet version of CRM app for fintech client database in 50% of expected project time.
- Managed annuities app. Collaborated with internal teams and external users to understand requirements, add features, fix bugs, test and publish scalable, enterprise financial services app updates to Apple App Store.

OTHER PROFESSIONAL EXPERIENCE

Web Designer, Digital Marketing Manager, Online Advertising Specialist | Freelance (2006/Present)

- Build and manage websites, oversee SEO, SEM, implement Google Tags, Google Analytics, Google Ad campaigns.
- Responsible for \$1M+ in ad budget. Performance analysis and optimization, improving client ROI by 12x.

IT Support Specialist | LightningNet, LLC | Auburn, Indiana, U.S.A. (2004–2012)

- Managed service calls of 900-square-mile region, supporting 300+ clients.
- Created IT solutions including computer design, email services, high-speed wireless internet installations, and network maintenance.

Sales and Design Consultant | Cabinets by Graber | Grabill, IN, U.S.A. (2006–2008)

- Guided customers from bespoke concepts, through design, installation, and support, generating \$1.2M in sales.
- Discovered discrepancy in company sales commission calculation system.
- Pioneered a digital library of 3D objects for better customer visualization using AutoCAD & ALPHACAM

SOFTWARE/PLATFORM EXPERIENCE

- C#, .NET, Xamarin, .NET MAUI
- ASP.NET, RESTful web APIs
- JavaScript, HTML, Razor
- MVC, MVVM, XAML, Reactive UI
- iOS, Android, Windows, MacOS
- Swift, Python
- SPSS, SQL, Tableau
- LINQ, Lambda expressions
- DataTables.net
- Git, GitLab, Sourcetree
- Jira, Zeplin
- Agile, Scrum
- Visual Studio, Android Studio
- Google Analytics, Google Ads, Google Tag Manager
- Microsoft Azure Cloud & App Services
- Google Firebase

AWARDS

- **Purdue University Top 50 Student Award**, Class of 2016
- U.S. Department of State Benjamin A. Gilman International Education Scholarship
- General Motors Foundation's Buick Achiever's Award
- PNC Bank Somerville Scholarship
- Association for Non-Traditional Students in Higher Education Scholarship
- Indiana Space Grant Consortium Scholarship
- Auer Music Scholarship
- Amish Descendant Scholarship Fund

VOLUNTEER EXPERIENCE

- Life After Hummus, Community Benefit Society (London, 2021)
- FIRST LEGO Robotics Competition (Purdue, Fort Wayne, 2015)
- National Cheng Kung University City Tour (Chicago, 2015)
- Urban Neighborhood Volunteer (Brisbane, Australia, 2014)
- Forgotten Children Clothing Bank (Indiana, 2014)
- Beijing Child Adoption Agency (China, 2013)
- Teaching English to Speakers of Other Languages (Pennsylvania, 2011)
- Habitat for Humanity, Natural Disaster Relief (Indonesia, 2010)