

# MAITI F. CLARK

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## EDUCATION

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**West Chester University | West Chester, PA**

**January 2025 - Current**

***M.S.- Masters of Computer Science***

- **Courses:** Programming Languages, Advanced Seminar: Computer Security, Foundations of Computer Science, Networks and Data Communications, Advanced Seminar: Data Visualization

**University College Dublin | Dublin, Ireland**

**September 2018 - May 2021**

***B.A. - Double Major in Information & Social Computing with Sociology***

- **Courses:** Artificial Intelligence, The Digital Self, Information Ethics, Digital Marketing, Web Publishing, Information Architecture: Designing the Web, Consumer & Buyer Behavior, Information & Collaboration in Organisations, Computer-Mediated Communication, Social Media & Participation in an Online World

## PROFESSIONAL EXPERIENCE

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**La Scala's Fire, Newtown Square PA | Lead Bartender**

**November 2024 - Present**

- Serve and engage 50+ guests per shift while cultivating lasting customer relationships and ensuring high-quality service.
- Train new hires on menu knowledge, POS systems, and company standards while supporting management in maintaining efficient, consistent bar operations.

**Unifeyd LLC, West Chester PA | Web Specialist**

**November 2021 - November 2024**

- Directed full-cycle web design and development, ensuring scalability, usability, and secure coding practices.
- Led client workshops to translate requirements into secure, mobile-responsive prototypes and applications.
- Applied authentication, access control, and secure data handling to maintain confidentiality, integrity, and availability.
- Utilized Jira and Teamwork to coordinate Agile workflows and track development pipelines.
- Managed digital content and client social media accounts, incorporating monitoring, analytics, and risk awareness.

**Sidelines Sportswear, Exton PA | Marketing & Operations Intern**

**July 2021 - October 2021**

- Directed social media growth initiatives through targeted campaigns and digital content creation to showcase new product offerings.
- Expanded company reach by engaging clients across multiple industry segments.

**Irish Dance Teacher, Folsom PA | Instructor**

**January 2014 - Present**

- Lead classes for students of all ages and skill levels, fostering growth, confidence, and engagement through adaptable teaching methods.
- Collaborate with fellow instructors to design curriculum and maintain a cohesive, supportive learning environment.

## SKILLS

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**Languages (by proficiency):** Python, Java, OCaml, Assembly, HTML, CSS

**Tools & Frameworks:** Git, Cisco Packet Tracer, Linux, Microsoft Office

**Security & Networking:** Firewalls, NAT, Routing & Switching (via coursework/labs), Network Protocols

**Other:** Figma, InVision, Canva

## PROJECTS

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**Network Security Lab** – Configured firewalls, NAT, and routing rules in Cisco Packet Tracer to enable secure cross-domain communication.

**Programming Languages Project** – Built a parser and lexical analyzer in Java to handle custom inputs and validate syntax.

**Data Security Lab** – Used OllyDbg to analyze and bypass a nag screen, demonstrating reverse engineering fundamentals.