

## **Ethan Tran**

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### **Education**

**University of Maryland, College Park**

*Bachelor of Science in Information Science*

**Expected May 2026**

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### **Relevant Coursework**

- Coursework in Java, C, Assembly, Web Development, and Database Administration
  - 3 years of experience with Unity 2D and 3D, and C#
  - Calculus I and II, Linear Algebra, Discrete Structures, Computing Systems
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### **Technical Skills**

- **Programming Languages:** Java, C#, Python, C, Assembly, SQL, HTML, CSS, JavaScript
  - **Web Development:** Node.js, REST APIs, Google APIs, OAuth, Google Services, UI/UX Design
  - **Database Systems:** Database design, SQL management, query optimization
  - **Tools:** Git, Unity, VS Code, Visual Studio, RStudio, Express.js
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### **Projects**

#### **Game Development Projects**

- 2D Platformer (Ongoing): Co-developed core gameplay, GUI systems, character interactions
- Polished 2D Clicker Game: Co-developed core gameplay, created polished gameplay features including assets, sounds, formatting, and mechanics.
- Replicated & Customized Games: Suika Game, Flappy Bird, and an Endless Gate Runner

#### **Web Development Projects**

- Job Board Website: Features secure OAuth login, REST API data handling, and reCAPTCHA protection
- Business Website: Designed a sushi restaurant prototype with client-driven feature adjustments
- Personal Website: Created a family portal with responsive design and multi-device support