

Joseph H. Deerin

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Education

- Georgia Institute of Technology**, Atlanta, GA August 2016 – May 2020 (Expected)
Candidate For Bachelor of Science in Computer Science
GPA: 4.0 / 4.0
- Manheim Township High School**, Lancaster, PA August 2012 – June 2016
Graduated June 2016 with First Honors
National AP Scholar, National Honor Society member, National Merit Scholar finalist
GPA: 4.27 / 4.0

Skills

Programming: Java, C#, JavaScript, HTML5, CSS
Applications: Git, Unity 5, Autodesk Inventor, Blender, GIMP / Photoshop
Languages: English (fluent), German (intermediate)

Projects / Experience

- 12:34 MicroTechnologies Inc.**, Lancaster, PA May 2017 – August 2017
Web Development Intern
- ◆ Implemented a customer-management and invoice-tracking application for 110+ Microsoft CSP customers in C# / ASP.NET MVC, JavaScript (ES6), and HTML5 / CSS
 - ◆ Refined the system's design based on interviews and testing with potential users, including the company's accountant and CFO; expanded the system to meet ARIA accessibility guidelines and allow for automatic billing of customers in future updates
 - ◆ Researched and drafted a report on existing CSP customers, making recommendations of additional development services the company could offer them; presented findings before CEO and Lead Developer
- Landis Valley Museum Eagle Scout Project**, Lancaster, PA June 2015 – February 2016
Volunteer Project Lead
- ◆ Designed and constructed a hoop-house style greenhouse extension for the Landis Valley Heirloom Seed Project, creating an additional 196 square feet of indoor space
 - ◆ Led and oversaw the work of 6 volunteers in the project's construction

Activities and Awards

- VGDev Video Game Development** August 2016 – Present
- ◆ DeLeonic Award for Exemplary Contributions; assisted in AI programming, level design, and asset creation for Bit.Spike, the club's first game designed for virtual reality
- Bits of Good (Nonprofit Assistance)** August 2017 – Present
- ◆ Assisting in the creation of a custom CMS-enabled website for World Water Relief
- Baptist Campus Ministries** January 2017 – Present
- ◆ Member of the Evangelism leadership team; volunteer for the cooking staff at special events
- Georgia Tech Academic Team** August 2016 – Present
- ◆ Top 10 player at the ACF Fall Regional tournament (2016); helped organize and run multiple Georgia Tech-hosted Quiz Bowl tournaments
- Boy Scouts of America** August 2009 – May 2016
- ◆ Eagle Scout, Troop 99 guide and librarian; participated in 400+ hours of volunteer service including landscaping, assisting food drives, and mentoring younger members