

ERICA PEREIRA

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Education

DePauw University <i>Bachelor of Arts (3.60/4.00); Computer Science Major (3.61/4.00); Italian Minor</i> ○ Data Structures (Fall 2016), Computational Discrete Mathematics (Spring 2017), Object Oriented Programming (Spring 2017), Computer Systems (Fall 2017), Foundations of Computation (Fall 2017), Graphics (Fall 2017), Artificial Intelligence (Spring 2018).	Greencastle, IN, USA May 2020
University of Westminster <i>Study Abroad; School of Computer Science and Engineering (Cavendish)</i> ○ Advanced Client-side Development (Fall 2018), Concurrent Programming (Fall 2018).	London, England, UK September 2018 – December 2018

Experience

DePauw University Computer Science Department <i>In-Class Teacher Assistant (Intro to Computer Science CSC 121)</i> ○ Explain object-oriented concepts and answer questions students have regarding the course material. <i>Lab Teacher Assistant (Intro to Computer Science CSC 121)</i> ○ Answer students' questions regarding labs and projects, which regard practicing object oriented programming.	Greencastle, IN, USA January 2017 – Current September 2017 – Current
Upbeat Productions <i>Front-end Development Intern</i> ○ Develop and maintain front-end code. Produce web development features for client services.	London, England, UK September 2018 – December 2018
University of Illinois at Urbana-Champaign's National Center for Supercomputing Application (NCSA) <i>NCSA Research Fellow – sponsored by the National Science Foundation(NSF).</i> ○ Research the process to visualize and interpret civic data for social justice and activism.	Urbana, IL, USA May 2018 – August 2018
IDTech Camp - Loyola University <i>Programming Camp Instructor</i> ○ Instructed weekly Computer Science lessons for students ages 13-17 (Python, Java, C++).	Chicago, IL, USA May 2017 – August 2017
DePauw University Media User Services <i>Media Intern</i> ○ Provide troubleshooting and desktop support on Windows and Mac devices.	Greencastle, IN, USA August 2016 – May 2018

Involvement

ACM-W DePauw University Student Chapter <i>Co-Chair</i> ○ Plan, organize, and facilitate weekly meetings to discuss outreach projects and events for women in Computer Science. ○ Encourage women to pursue a career in the technology industry and promote diversity and inclusion.	Greencastle, IN, USA September 2017 – Current
Hour of Code <i>President</i> ○ Host weekly <i>Hour of Code</i> sessions at Putnam County Library. Manage volunteers to help children learn how to code.	Greencastle, IN, USA January 2017 – May 2018
Rewriting the Code Fellowship <i>Fellow</i> ○ Fellow of a national program for undergraduate college women interested in pursuing a career in the tech field.	New York, NY, USA September 2017 – Current
SRCOON Conference 2018 <i>Participant and Volunteer</i> ○ Participated and volunteered at a conference to discuss and collaborate on open technologies and processes within journalism. Focus: data visualization and civic technologies.	Minneapolis, MN, USA June 28 th and 29 th , 2018

Awards and Recognitions

- *U.S. Department of State's Bureau of Educational and Cultural Affairs: Benjamin A. Gilman Scholarship Recipient - Fall 2018.* The Gilman Scholarship Program is to support funding while studying abroad.
- *DePauw University: Outstanding Service to the Computer Science Department Award – Academic Year 2017 – 2018.*
- *DePauw University: Dean's List for Academic Achievement:* Fall 2016 through Spring 2018.
- *University of Illinois Urbana-Champaign's NCSA: NCSA's Student Spotlight July 2018 –* Recognized for trans-disciplinary approach in NSF funded research project.
- *University of Illinois Urbana-Champaign's NCSA: Jerry Fiddler Interdisciplinary Research Student Award.*

Skills

- Proficient in Java and C++. Intermediate in HTML, CSS, JavaScript and Ruby on Rails. Basic knowledge in Python, Assembly, C and Scala.
- Native Spanish Speaker. Conversational in Italian.