

Grace Chenevert

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OBJECTIVE:

An entry level position in software development or a related field after graduation in May of 2016.

EDUCATION:

Southeastern Louisiana State University, Hammond, LA

Dates Attended: Spring 2011 – Summer 2012, Fall 2012 - Fall 2015

Anticipated Date of Graduation – May 2016

Bachelor of Science, Computer Science with Information Systems concentration

Major GPA: 4.000 Cumulative GPA: 3.978

Volunteer Teaching Assistant for Software Development Project Class – Fall 2015

PROJECTS:

Quadruped Robotics Project

Building and programming a robot to perform array of tasks for a client

Developing interface between robot controller and Raspberry Pi

Using PhantomX AX Quadruped, Raspberry Pi, C++ and other languages as needed

Independent research project with CSIT department head Dr. Sebastian van Delden

Developed algorithms to make Microsoft Kinect track fingertip movement in 3-D

Co-authored scientific paper with Dr. van Delden and Dr. Burris; published in 2015

Used C# and XAML

CMPS 383 – Software Development Project Class: Team Leader and Team Member

Developed time clock application with CRUD functionality

Researched and built API, and store management system to consume API

Used C#, SQL, Entity Framework, and Xamarin

CMPS 285 – Software Development Project Class: Team Leader

Created fridge/pantry tracker which suggested recipes based on available ingredients

Managed communications and workflow between team members

Used C#, HTML5, SQL, and CSS

CMPS 401 – Survey of Programming Languages Project Class: Team Member

Researched Dyjkstra's Algorithm like solution for the Travelling Salesman Problem

Developed trip planning application to find optimal route for up to six locations

Used Ruby and Ruby on Rails

CMPS 420 – Human Computer Interaction Project Class: Team Member

Researched, developed AR application to retrieve patient data based on unique ID number

Used Unity Development Platform and Vuforia for Augmented Reality

WORK EXPERIENCE:

General Electric Capital Technology Center – New Orleans, La

Software Engineering Apprenticeship Program Intern – Summer 2015

- Developed new features for existing C# ASP.NET Internal application
- Re-engineered legacy code to improve application organization and testability
- Updated application and database to handle additional user types and paths

Postlethwaite & Netterville Professional Accounting Corporation – Baton Rouge, La

Consulting Intern – Summer 2014

- Developed and maintained business application programs in VBA
- Evaluated, researched and reported on software systems
- Produced process flowcharts for internal processes

TECHNOLOGIES, FRAMEWORKS, AND LANGUAGES USED:

- | | | | |
|------------------|-----------|--------------|-----------------|
| ▪ Raspberry Pi | ▪ MVC | ▪ Java | ▪ VBA |
| ▪ Visual Studio | ▪ ASP.NET | ▪ JavaScript | ▪ Ruby |
| ▪ Xamarin Studio | ▪ C# | ▪ JQuery | ▪ Ruby on Rails |
| ▪ Git / GitHub | ▪ HTML | ▪ XAML | ▪ C++ |

PUBLICATIONS:

Sebastian van Delden, Grace Chenevert, and John Burris. 2015. Finger Tip Tracking for Manipulator Jogging using the Kinect. In Proceedings of the 7th Annual IEEE International Conference on Technologies for Practical Robot Applications. TePRA 2015. Boston, MA. May 11-12, 2015

AWARDS AND HONORS:

President's List – Summer 2012 – Present

Taylor Opportunity Program for Students (TOPS), Honor's Award – Fall 2012 – Present

Southeastern Honor Scholarship – Fall 2012 – Present

Southeastern Progression Scholarship – Fall 2013 – Present

Dr. William Curran Memorial Scholarship in Computer Science – Fall 2014 – Spring 2015

Southeastern Louisiana University's Intramural Coding Bee – Spring 2015, 3rd place winner

Baton Rouge Traffic and Transportation Management Scholarship – Fall 2014 – Spring 2015

Dorothy R. Lee Excellence in Business Endowed Scholarship - Spring 2012-Spring 2014

Baton Rouge Bar Foundation Teen Court of Greater Baton Rouge Scholarship

ORGANIZATIONS, CLUBS, AND SERVICE:

Women In Technology (WIT) – Member since Spring 2013

- President Summer 2014 – Current
- CS Representative Fall 2013 – Spring 2014

Association of Computing Machines – Member since Fall 2014

Southeastern Programming Competition Team – Volunteer Fall 2013

Hammond .NET User Group – Member since Fall 2013

Institute of Supply Management, Southeastern Chapter – Member since Fall 2014

References available upon request