

Petros Dawit

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Education:

Brown University, B.Sc Computer Science,
Expected May 2018

Overall GPA: 3.75, Concentration GPA: 4.0

- Introduction to Discrete Structures and Probability, Spring 2016
- Introduction to Algorithms and Data Structures, Spring 2016
- Linear Algebra, Spring 2016
- Introduction to Object Orientated Programming and Computer Science, Fall 2015
- User Interfaces, Fall 2015
- Introduction to Engineering, Fall 2014

Washington International School

Sept 2010- May 2014

Graduated in May 2014 achieving honors and receiving a high school International Baccalaureate of Bilingual Diploma.

Programming Projects:

SeamCarve Tool

Spring 2016

- Implemented a seamcarving tool that would take in images and resize the image while keeping the most important pixels

Sketchy

Fall 2015

- Created a paint application. The application can free draw, create shapes, edit, undo and redo and save documents
- Created using Java and the JavaFX library.

Tetris

Fall 2015

- Designed the UI and the game Tetris which was written in Java and used the JavaFX library
- Game had similar function to the arcade game. It had the ability to pause, show score and restart.

DoodleJump

Fall 2015

- Designed and created the popular game DoodleJump using Java and the JavaFX library.

Technical Strengths/ Personal:

Proficient	Java, JavaFX, Computer Graphics and Design, Python, Sketch, Javascript, HTML5, CSS
Familiar	Matlab, 3D CAD Design Software SOLIDWORKS, M2 MakerGear (3D Printing), Adobe Illustrator
Languages	French (Fluent), Spanish (Self-rated Novice)

Experiences:

BUDS Dining Service

Sept 2015-Present

Brown University

- Currently working two late shifts
- On occasion, led as shift leader

ECDC Enterprise Development Group- Microloan Lenders

Summer 2015

Arlington, Virginia

- Worked closely with the portfolio manager for two months.
- Organized data in the last five years into a data bank using Microsoft Excel
- Developed a data entry template linked to the master database for instant update.
- Reviewed legal documentation necessary for the loan process. I was also involved in reconciling the disbursement of the loan budget.

Extended Essay

Summer 2013

- Completed a 4,000-word, over 20 pages long research paper, which studied the kinetics behind the degradation of vitamin C in oranges, kiwis and lemons.

Community Service:

Habitat For Humanity

June 2010- August 2014

- Organized inventory in the warehouse
- Took in donations and helped customers carry furniture to their cars.