

# Demi Olagoke

## 4B Software Engineering

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## Work Experience

### Minted

September 2016 - Present

#### Software Engineer Intern

- Technology/Languages used: Javascript, React(Redux), Python, Git & MySQL

### nanoPay

January 2016 - April 2016

#### Full Stack Developer

- Implemented features for MintChip such as request money and transaction limits
- Improved existing MintChip features such as add & delete contacts
- Implemented features for the loyalty portal such as real time dashboard updates
- Implemented features for the MintChip Android application such as data caching
- Technology/Languages used: Javascript, Node.js, AngularJS, Loopback framework, REST API, Java, SQLite, Android Studio, Git & MongoDB

### University of Waterloo

May 2015 - August 2015

#### Undergraduate Research Assistant

- Worked with a fellow coop to develop an application used for research into data exploration techniques of geotagged information on a multitouch tabletop device
- Worked on the server used to send information across all devices
- Implemented ways to draw a user's attention to certain icons on the table
- Created data visualizations from the log files
- Conducted studies and taught participants how to use the application
- Technology/Languages used: C#, Javascript, Node.js, Processing, Git, GIMP & Visual Studio

### BlackBerry Ltd.

September 2014 - December 2014

#### Software Test Associate

- Created and executed automated software test scripts for the BlackBerry Assistant
- Fixed, updated and improved automated test scripts for the BlackBerry Assistant
- Reported bugs and followed up with developers to ensure they were fixed
- Manually tested the BlackBerry Assistant and gave suggestions for improvements
- Technology/Languages used: Robot Framework, JIRA & Git

### Mabel's Labels

January 2014 - April 2014

#### Developer/Tester

- Developed an application capable of measuring the height and depth of each character of a given font
- Created a wiki page with instructions on how to use the application
- Communicated with personnel in other departments to resolve service tickets
- Adjusted data and stored procedures on a MySQL database
- Technology/Languages used: C#, MySQL, Subversion & Visual Studio

## Projects

### WatHub (Fourth Year Design Project)

March 2016 - Present

#### Web Development

- Website for students to share tools they have made
- Set up the Database
- Developed the API that is exposed to the frontend
- Technology/Languages used: Node.js, Javascript, MongoDB & Git

## Tilde

August 2015 - December 2015

### Windows Development

- Gesture control tool for controlling computer applications using a smartphone
- Implemented control of other programs from the main program
- Implemented real-time notifications
- Technology/Languages used: C#, Visual Studio & Git

## Snake In The Cage

May 2015

### Game Development

- Nicholas Cage themed snake game with a battle mode developed with three others
- Added sprites, created prefabs and gave game objects their needed attributes
- Peer programmed to add food generation, score counting, speed up and slow down
- Created the grass background and pictures for the snake head animation
- Technology/Languages used: C#, Unity 5, GIMP & Git

## Tic Tac Toe By 2Dp

June 2013 - July 2013

### Android Development

- Tic-tac-toe game developed with a friend
- Developed the artificial intelligence
- Developed the algorithm used to check for wins
- Used views to determine where on the board the user clicked
- Technology/Languages used: Java & Eclipse

(Other projects available on website: [www.demiladeolagoke.com](http://www.demiladeolagoke.com))

## Education

## University of Waterloo

September 2012 - Present

### Candidate for Bachelor of Software Engineering, Co-operative Program

- Operating Systems: Incrementally developed an operating system on a Keil MCB1700 board

## Activities & Interests

## UW Black Association for Student Expression

May 2015 - April 2016

### Events Coordinator

- Organized and managed events along with other club executives
- Booked rooms and needed equipment for club events
- Created and managed the club's Facebook page

## Other Interests

- I enjoy soccer, dancing (Hip Hop, West African and Salsa), ping pong and console gaming