

# Demi Olagoke

**Software Engineering (Class of 2017)**

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## Education

**University of Waterloo** Candidate for Bachelor of Software Engineering **September 2012 - Present**

- Courses: Cooperative and Adaptive Algorithms, Computer Networks, Concurrent and Parallel Programming, Embedded Software, Operating Systems
- Events Coordinator (May 2015 - April 2016) of the Black Association for Student Expression

## Work Experience

**Minted** Software Engineer **San Francisco, CA | September 2016 - Present**

- Mitigated revenue loss by fixing issues preventing users from purchasing products
- Technology/Languages: Javascript, React (Redux), Python, Node.js, Git, MySQL

**nanoPay** Full Stack Developer **Toronto, ON | January 2016 - April 2016**

- Worked on MintChip, a government-backed digital currency
- Developed features such as p2p money requests and fraud mitigation using transaction limits
- Decreases load times on the android application by implementing data caching
- Created an invite system where invited users could sign up and instantly receive the money sent to them
- Technology/Languages: Javascript, Node.js, AngularJS, Loopback, Java, SQLite, Android Studio, Git, MongoDB

**University of Waterloo** Undergraduate Research Assistant **Waterloo, ON | May 2015 - August 2015**

- Worked on an application used for HCI research into data exploration of geotagged information using multiple connected tabletop and tablet devices
- Significantly improved communication between devices from simple pinging to asynchronous real-time transfer of information such as the tablets' orientation in space and selected image urls
- Implemented HCI techniques for surfacing context-relevant information to users
- Created summary visualizations from application logs for researchers to gain insight into user usage patterns
- Technology/Languages: C#, Javascript, Node.js, Processing 2, Git, Visual Studio

**BlackBerry** Software Test Engineer **Mississauga, ON | September 2014 - December 2014**

- Developed unit, integration and UX tests to achieve full test coverage for the BlackBerry Assistant
- Technology/Languages: Robot Framework, Git

## Projects

**WatHub (Fourth Year Design Project)** **March 2016 - Present**

- Website for students to share applications that they made
- Set up the database and currently working on the API used by the frontend
- Technology/Languages: Node.js, Javascript, Loopback, MongoDB, Git

**Tilde** **August 2015 - December 2015**

- Windows application that allows control of other applications through gestures from a smartphone
- Implemented sending of instructions to selected applications from the main program
- Implemented real-time desktop notifications to alert users of actions made on the smartphone
- Technology/Languages: C#, Visual Studio, Git

**Snake In The Cage** **May 2015**

- Nicholas Cage themed snake game with a battle mode developed with three others at a Game Jam
- Peer programmed to add food generation, score counting, speed up and slow down
- Created visual assets such as the grass background and snake head animation
- Technology/Languages: C#, Unity 5, GIMP, Git

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

## Interests

- Soccer, dancing (Hip Hop, West African and Salsa), exploring new places, ping pong and console gaming