

# DIANA GRIFFING

Third year Informatics major at the University of Washington, with an interest in education technology, web development, and user interface design.

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## Summary of Qualifications

- Three years of **Programming Experience**: Java, JavaScript, HTML, CSS
- Completed a summer long internship as a **Quality Control Tester** for various Software and Hardware at Quantum Design, designing test scripts, and organizing the defect tracking library.
- See Portfolio for collection of **UI Design** (<http://students.washington.edu/griff16/PersonalWebsite/>)

## Professional Experience

**Undergraduate Research Assistant** | **UW Lab for Music Cognition, Culture & Learning**  
March 2014 - June 2015 | Seattle, WA

- Designed format for digitalizing various survey data
- Streamlined input process for multi-user database
- Provided IT support for the lab and its members

**Quality Control Intern** | **Quantum Design**  
June 2013 - September 2013 | San Diego, CA

Analyzed and tested improvements to the VersaLab's (a materials characterization instrument) software and firmware for its summer release. Calculated specifications to new features. Performed data tests for various new materials.

- Drafted and implemented software and firmware tests
- Learned Winwrap, Visual Basic for Applications, and VB Express
- Presented an intern colloquium on the test and validation process
- Recorded and cleared bug reports in the defect tracking library

**Nanny** | **Family with Four Children**  
June 2014 - September 2015 | Seattle, WA

Provide full-time childcare five days, 50-60 hours a week

- Plan & Prepare nutritious meals and snacks for the children.
- Run child-related errands & transportation.
- Plan age appropriate activities which promote physical, social, emotional, and intellectual development.
- Promote a secure, helpful and happy environment at all times.
- Provide optimum learning opportunities for the children by communicating with teachers and utilizing home learning methods (Khan, Kumon, IXL)

## Education & Training

**University of Washington** | **Bachelor of Science in Informatics, Human Computer Interaction**  
Graduation: June 2017 | Seattle, WA

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|---|-----------------------------|
| • Programming (Java)                      | • Research Methods (in HCI) |
| • Design Thinking                         | • Germanics                 |
| • Web Development (HTML, CSS, JavaScript) | • Physics                   |
| • Psychology                              | • Chemistry                 |

## Volunteering

**ChickTech** | **Student Ambassador**  
September 2015 - Current | Seattle, WA

- Promote the organization at professional tech events
- Help at pipeline events, getting middle and high school girls excited about STEM