

MITALI PALEKAR

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ABOUT

I am looking for a summer internship (June – September) as a Software Engineering Intern.

SKILLS

Expert:

Java, HTML, CSS, Bootstrap
JavaScript (Client-Side)

Proficient:

PHP (Server-Side), AJAX,
JSON/XML, MySQL, C#, Git
Version Control, Unity

Prior Experience:

Android Development,
Node.js, MongoDB, MatLab

HONORS & AWARDS

Recipient of 7 merit-based scholarships

UW Honors Achievement
Award • UW Purple & Gold
Scholarship • Priscilla &
Melvin Endowment •
Microsoft Tuition
Scholarship • Microsoft
Diversity Scholarship •
UW SWE National
Conference Scholarship •
UW SWE ABJ Regional
Conference Scholarship

CONFERENCES

UW SWE National
Conference WE16,
Philadelphia, PA (October
2016) •
UW SWE ABJ Conference,
Seattle, WA (February 2016)

EDUCATION

University of Washington (Seattle, WA)

B.S. Computer Science, Interdisciplinary Honors Program

CGPA: 3.84 (Annual/Quarterly Dean's List)

Relevant Coursework: Foundations of Computing (IP), Software Design and Implementation (IP), Programming for Fun (IP), System and Software Tools (IP), Introductory Programming I/II, Web Development, Honors CSE Problem Solving, Linear Algebra, Single/Multivariable Calculus

Graduation Date:

June 2019

EXPERIENCE

NASA, Software Development Intern (Mountain View, CA)

June 2016 –
September 2016

- Developed procedure execution software for the International Space Station to digitalize experiments and safety procedures, leading to a 50% decrease in procedure execution time (*Technologies: Unity, C#, HoloToolkit API, Git*)
- Implemented spatial mapping for path finding, UI menu selection for procedure selection and placing of animated holograms for in-procedure execution using the Microsoft HoloLens in an agile environment

UW Georgian Digital Text Collective, Web Development Intern (Seattle, WA)

February 2016 -
Present

- Developed PHP scripts to convert Georgian to XML and JavaScript scripts to transpose XML to XHTML.
- Proposed UI design changes to the front-end and managed the social media for the research group, leading to an increase in Georgian literature accessibility at UW.

PROJECTS

XHTML-CSS Validator, Individual Project

2016

- Creating a chrome extension to determine whether the XHTML and CSS code of websites is valid according to the W3School standards.
- *Languages: HTML, CSS and JavaScript.*

Tic-Tac-Toe (GUI + AI), Individual Project

2016

- Creating a Java Applet using Swing APIs and implementing a Tic-Tac-Toe AI using the Minimax algorithm and Alpha-beta pruning.
- *Languages: Java (Swing APIs)*

Personal Website, Individual Project

2016

- Creating a website to showcase personal information and projects
- *Languages: HTML, CSS, JavaScript*

ACTIVITIES & LEADERSHIP

UW Society of Women Engineers, Vice-President of Community Outreach (Seattle, WA)

April 2016 -
Present

- Led a 465-member organization to organize workshops and events such as UW Engineering Discovery Days, Time to Invent and Girls Who Code to encourage and inspire young women to pursue STEM

UW Girls Who Code, Committee Lead (Seattle, WA)

October 2015 –
June 2016

- Lead a team of volunteers in collaboration with the UW CSE department to promote diversity efforts in Computer Science and technology

Other activities: Women in Science and Engineering Advisory Board, College of Engineering Student Advisory Council, Emerging Leader in Engineering Participant