MITALI PALEKAR

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ABOUT

I am looking for a part-time internship for winter and/or spring as well as a summer internship as a Software Engineering Intern.

SKILLS

Fluent:

Java, HTML/CSS, Bootstrap JavaScript (Client-Side), PHP (Server-Side), AJAX, JSON/XML

Familiar:

Android Development, MySQL, Node.js, Git Version Control, Unity, C# (Visual Studio for Microsoft HoloLens), MongoDB, MatLab

HONORS & AWARDS

Recipient of 7 merit-based scholarships

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

CONFERENCES

UW SWE National Conference WE16 (October 2016)
UW SWE ABJ Conference, Seattle

EDUCATION

University of Washington *(Seattle, WA)*   Graduation Date:
B.S. Computer Science, Interdisciplinary Honors Program   June 2018
CGPA: 3.84 (Annual/Quarterly Dean's List)

Relevant Coursework: Software Design and Implementation (IP), Introductory Programming I/II, Web Development, Honors CSE Problem Solving, Logic and Discrete Math (IP), Linear Algebra, Single and Multivariable Calculus

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
- 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

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

PROJECTS

XHTML-CSS Validator   2016
- Creating a chrome extension to determine whether the XHTML and CSS code of websites is valid according to the W3School standards.
- *Technologies: HTML, CSS and JavaScript.*

Tic-Tac-Toe (GUI + AI)   2016
- Creating a Java Applet using Swing APIs and implementing a Tic-Tac-Toe AI using the Minimax algorithm and Alpha-beta pruning.
- *Technologies: Java, with Swing APIs*

Personal Website   2016
- Creating a website to showcase personal information and projects
- *Technologies: HTML, CSS, JavaScript*

ACTIVITES & 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 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 technology