

# Anjali Pal

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<b>Education</b>	<b>University of Washington</b> Seattle, WA Ph. D. in Computer Science <b>Brown University</b> Providence, RI Sc. B. in Computer Science	Sept. 2022 - Present  Sept. 2013 - May 2017
<b>Publications</b>	<i>Equality Saturation Theory Exploration à la Carte</i> <b>Anjali Pal</b> , Brett Saiki, Ryan Tjoa, Cynthia Richey, Amy Zhu, Oliver Flatt, Max Willsey, Zach Tatlock, Chandrakana Nandi.	OOPSLA 2023
<b>Research Experience</b>	<b>University of Washington</b> Advisor: Zach Tatlock  Developed ENUMO, a domain-specific language for programmable theory exploration. ENUMO programs easily replicate results from prior rule inference tools. ENUMO scales better to larger domains, finds deeper rules than prior tools, and enables rule inference in new domains that are out of scope for prior techniques.  <b>Brown University</b> Advisor: Shriram Krishnamurthi  Used Liquid Haskell refinement types to statically analyze R programs with matrix operations and surface matrix arithmetic errors as static type errors.	Feb. 2022 - Present     Jan. 2016 - May 2016
<b>Teaching Experience</b>	<b>Grad. Programming Languages</b> , University of Washington, TA <b>First Byte of Computer Science</b> , Brown University, TA <b>Programming Languages</b> , Brown University, Head TA <b>Logic for Systems</b> , Brown University, TA <b>Intro. Functional Programming</b> , Brown University, Head TA <b>Intro. Object Oriented Programming</b> , Brown University, TA <b>Intro. Functional Programming</b> , Brown University, TA	Winter 2023 Spring 2017 Fall 2016 Spring 2016 Fall 2015 Spring 2015 Fall 2014
<b>Professional Experience</b>	<b>Code.org</b> , Software Engineer <b>Google</b> , Software Engineer <b>edX, Inc.</b> , Software Engineering Intern	Jan. 2019 - Jan. 2022 Sept. 2017 - Jan. 2019 June 2016 - Aug. 2016
<b>Service &amp; Outreach</b>	<b>PNW PLSE Co-Chair</b> <b>Rainier Scholars Lecturer/Teaching Assistant</b> <b>Google Computer Science Summer Institute TA</b> <b>Brown University Women in CS Mentor</b>	May 2023 Aug. 2018 - March 2020 July 2018 Sept. 2015 - May 2017