

DERIC PANG

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EDUCATION

Swiss Federal Institute of Technology in Zürich (ETH Zürich) University of Washington Computer Science & Engineering Direct Exchange Taking master's level courses in computer science	Sept. 2016 - Present
University of Washington, Seattle B.S. in Computer Science Dean's List Overall GPA: 3.78/4	Sept. 2014 - Present

EXPERIENCE

Software Engineering/Research Intern <i>Marcher</i>	June 2016 - Sept. 2016 <i>Seattle, WA</i>
<ul style="list-style-type: none">· Utilized machine learning to develop production quality automated speech recognition systems to accurately transcribe phone calls.· Trained a neural network based on the Deep Speech 2 architecture.· Worked with Kaldi to transcribe Australian English.	
Software Development Engineering Intern <i>Amazon.com</i>	March 2016 - June 2016 <i>Seattle, WA</i>
<ul style="list-style-type: none">· Developed business critical software in Amazon Payments to help validate payment instruments.· Utilized AWS technologies such as AWS SWF, Lambda, S3, DynamoDB, SQS, and SNS.	
Teaching Assistant <i>University of Washington Computer Science & Engineering</i>	Jan 2016 - March 2016 <i>Seattle, WA</i>
<ul style="list-style-type: none">· Worked as a teaching assistant for CSE 331 – Software Design and Implementation.· Gave weekly lectures and held office hours.	
Undergraduate Researcher <i>University of Washington Computer Science & Engineering</i>	March 2015 - March 2016 <i>Seattle, WA</i>
<ul style="list-style-type: none">· Co-advised by René Just and Michael Ernst.· Worked as part of the Programming Languages and Software Engineering group.· Studied patch minimization and delta debugging.· Co-authored a paper titled “Evaluating Fault Localization Techniques.”	

SKILLS

Topics	Machine Learning, Automated Speech Recognition, Distributed Workflows
Technologies	AWS, Kaldi, Deep Speech 2, Torch, Storm, AngularJS
Languages	Java, Python, Bash, Javascript, HTML/CSS, Lua