DERIC PANG

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https://github.com/pderichai

EDUCATION

University of Washington, Seattle   Sept. 2014 - Present
B.S. in Computer Science
Dean's List
Overall GPA: 3.78/4

Swiss Federal Institute of Technology in Zürich (ETH Zürich)   Sept. 2016 - Present
University of Washington Computer Science & Engineering Direct Exchange
Taking master's level courses in computer science

EXPERIENCE

Software Engineering/Research Intern   June 2016 - Sept. 2016
Marchex   *Seattle, WA*

· Utilized deep 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.
· Used the Kaldi automated speech recognition toolkit to transcribe Australian English.

Software Development Engineering Intern   March 2016 - June 2016
Amazon.com   *Seattle, WA*

· 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   Jan 2016 - March 2016
University of Washington Computer Science & Engineering   *Seattle, WA*

· TA for CSE 331 – Software Design and Implementation.
· Held weekly recitation and office hours.

Undergraduate Researcher   March 2015 - March 2016
University of Washington Computer Science & Engineering   *Seattle, WA*

· 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

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