Mark Padilla

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Experience

Senior Software Developer **(June 2020 – Present)**
D2L
- Deliver robust content solutions to 1000+ educational institutions by developing audio, video, and SCORM content management services using Node.js and .NET Framework
- Enhance accessibility for millions of students by creating and maintaining an audio/video captions editor for the web using ECMAScript 6 and LitElement to develop the UI, and AWS Step Functions and the ffmpeg library for audio/video processing
- Guarantee over 99% uptime for content processing and delivery services by managing, monitoring, and developing on top of AWS services such as Lambda, EC2, and S3
- Assist in refactoring and migration of legacy database code for tables containing hundreds of millions of production data rows by working with SQL scripts and stored procedures

Automation Developer, Co-op **(May 2018 – December 2018)**
Fleet Complete
- Increased test coverage by implementing 100+ automated Android and iOS UI tests in C# using Xamarin.UITest
- Enhanced user experience for 4 mobile apps by enacting thorough regression testing at regular intervals in Agile Scrum sprints
- Eliminated 200+ product defects by reporting bugs on JIRA and performing end-to-end testing to validate their fixes

Education

Honours Bachelor of Science with High Distinction **(September 2015 – April 2020)**
University of Toronto Scarborough
    Computer Science Specialist Co-op
    Recipient of U of T Scholars Award, UTSC Dean's List
    CGPA 3.5 / 4.0

Languages and Technologies

- Javascript; TypeScript; C#; Rust; Java; Bash; Dart; SQL; Python; C
- Node; LitElement; React; Android; Flutter; Material UI; Git; Linux