

Julia Pannolino B.Eng. EIT
Industrial Engineering

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RE: 30 Forensic Engineering, Junior Associate, Collision Reconstruction

Dear Stephanie d'Obrenan:

I am eager to submit my application for the position of Junior Associate, Collision Reconstruction. I believe I have the technical skills and personal qualities you are seeking for this role.

I am an Engineer In Training with 3 years of progressively responsible experience working in troubleshooting, fault-finding and field technical support capacities. Currently, I work at Arup, a consulting engineering firm, assisting senior engineers with analysis, simulation modeling and report writing. Previously, I worked at Bombardier Areospace, where I gained valuable exposure to aircraft manufacturing and production. As well as my technical skills, I also have well developed interpersonal and communication skills.

I am very interested in exploring the opportunity to work at 30 Forensic Engineering. Thank you for your time and consideration. I look forward to hearing from you.

Sincerely,

Julia Pannolino

Profile

- 3+ years experience in engineering analysis, operations research and simulation modeling
- Hands-on experience using discrete event simulation software – Arena and Simio
- Team worker with strong analytic, interpersonal, communication and presentation skills

Experience

Airport Analyst, [Arup – Consulting Engineers](#), Toronto, ON, May 2017 - present

- Conduct field examination and data collection on behalf of airport and airline clients
- Undertake logistic and operational research analysis of various airport systems
- Develop capacity and demand analysis using discrete event simulation software
- Assist in the preparation of engineering reports and presentations for senior management

Enterprise Business Specialist, [Rogers Communications](#), Toronto, ON, Jun 2016 - Apr 2017

- Identified opportunities for process improvement, reduced costs, defects and cycle times
- Collaborated with cross-functional teams to develop and implement process improvements
- Led weekly operational review meetings to ensure seamless communication among the team
- Created work instructions and training materials to accompany process improvements

Engineering Intern, [Bombardier Aerospace](#), Toronto, ON, May - Aug 2015

Work Centre Capacities on the Global 5000/6000 Aircraft

Industrial Engineering - Core Methods Department

- Analyzed and defined labour densities of the work centre
- Created work zones based on health, safety, accessibility, ergonomics and anthropometrics
- Improved work flow design by optimizing space utilization and reducing operator idle time
- Prepared and presented engineering reports including cost justified improvements

Engineering Intern, [Bombardier Aerospace](#), Toronto, ON, May - Aug 2014

Standard Work Validation on the Global 5000/6000 Aircraft

Industrial Engineering - Core Methods Department

- Validated standard work procedures and time data
- Reviewed work instructions, confirmed sequence and accuracy of standard information
- Conducted work sampling surveys and documented work stoppage issues
- Prepared and presented technical reports including cost justified improvements

Technical Student, [Toronto Hydro](#), Toronto, ON, May - Aug 2013

- Analyzed engineering drawings, compiled data, generated spreadsheets and databases

Education

Bachelor of Engineering, [Industrial Engineering](#), Ryerson University, 2012 - 2016

- Academic Merit Scholarship
- Engineering Orientation Leader
- Go ENG Girl Conference Assistant - introducing girls to engineering
- Ryerson Thrill Club – engineering amusement parks and thrill rides
- IAAPA 2014, Orlando, FL - amusement industry conference participant
- ASTM 2016, New Orleans, LA - amusement rides and devices conference participant