**Zachary Weima**

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***OBJECTIVE***

* To obtain an engineering position in industry

***EDUCATION and AWARDS:***

Queen’s University (2013-2017) Kingston, ON, Canada

* Completed Faculty of Engineering and Applied Science, achieved Bachelor of Applied Science
* Completed speciality in the Robert M. Buchan Department of Mining
* Received the ConeTec Geotechnical Award in Engineering (March 2015, March 2016)
* Finalist in SME Annual Conference & Expo for mining design concept (February 2017)
* Granted the Excellence Scholarship on admission for academic achievement (90-94.9%)
* Recipient of Ontario Scholar and Award of Academic Excellence (June 2013)
* Received The Duke of Edinburgh’s Award: Bronze Level (August 2012)

***COMPUTER PROGRAMS – ADVANCED SKILLS***

* MatLab, MS Office, Outlook, Word, Excel (Qualitative data analysis, financial operational modelling), PowerPoint, AutoCAD

***WORKPLACE EXPERIENCE:***

**Shore Beach Service: Hilton Head Island, South Carolina** (Summer 2014, 2015, 2016)

Summer Beach Lifeguard

* Rookie of the Year nominee (2014)
* Lifeguard of the Year nominee (2016)
* Worked independently in a team environment with other guards ensuring beach safety along 13 miles of coastline
* Provided friendly customer service to the general public renting beach equipment
* Provided safety enforcing Town of Hilton Head Beach Ordinances
* Gained confidence in leadership, first aid, and teamwork through unexpected situational experience

**Lifestyle Recreation & Leisure Services: Ajax, Ontario** (Summer 2013)

Summer Pool Lifeguard

* Guarded swimmers and guests in and around the pool area
* Provided individual safety supervision of the swimming pool facilities and ensured safe and proper use of its amenities
* Completed daily pool maintenance required to keep pool in clean and sanitary condition

***RELEVANT COURSES:***

* Water Management Hydraulics, Surveying, Earth Systems and Engineering, Soils and Materials Testing, Engineering Design and Practice, Solid Mechanics, AutoCAD Introduction, Engineering Graphics, Applied Math for Engineers, Introduction to Mining, Instrumentation, Engineering Data Analysis, Underground Mining, Applied Chemistry in Mining, Analytical Method in Mining, Drilling and Blasting, Methods of Mineral Separation, Mine Ventilation, Open Pit Mining, Applied Rock Mechanics, Operations Research, Mineral Industry Economics, Mining and Sustainability, Occupational Health and Safety, Geostatistics/Orebody Modelling, Stability in Advanced Design, Reliability/Maintenance Risk, Design Projects/Reports

***RELEVANT SKILLS***

* Cooperative, supportive, and understanding team player – Accepts orders and extra responsibility without issue
* Adaptable and able to work outside of expertise and comfort zone
* Adept time management and multi-tasking skills, comfortable working in fast paced environments with strict deadlines
* Excellent verbal and written communication skills and ability to work with staff and public
* Advanced Microsoft office skills, including building and maintaining databases, data analysis, modelling, technical report writing, presentation preparation
* Possesses strong negotiation, technical, analytical, research, and problem solving skills – Able to identify task components, analyze issues, and determine most effective and direct solutions
* Strong interpersonal and public relations skills

***RELEVANT PROJECT WORK***

* Underground Mine Design Project Team Leader
* Developed and oversaw project, conducted market and industry research such as: Long term commodity price forecasts, project cost estimates, case studies of similar operations
* Generated and optimized production and development schedules, designed a 3D model of the mine in Surpac based on geotechnical data

***CERTIFICATES and TRAINING:***

* Workplace Hazardous Materials Information System: WHMIS (October 2016)
* CPR-C and Standard First Aid Certified (August 2015)
* Beach Waterfront Training Certification (May 2015)
* National Lifeguard Society: Pool Certified (August 2015)
* English Proficiency Test Completion (September 2013)

***EXTRACURRICULAR ACTIVITIES:***

* Events Coordinator of the Queen’s Mining Society (2016-17)
* Elected as the social coordinator for the Queen’s Mining Engineering Department for the 2016-17 year. I represent Undergraduate Students, Graduate Students and Professors. Responsible for coordinating a variety of events within the Queen's Mining Department
* Intramural Mining ’17 Tier 2 Hockey Captain (2014-15, 2015-16, 2016-17)
* Responsible for organising, scheduling, and planning for hockey games on a weekly basis for 3 consecutive years
* Member of International Mining Games Men’s Team (2015-16 and 2016-17)
* Participated in physical training for international competition involving events such as gold panning, hand steel, and wood sawing
* Member of Society of Economic Geologist Student Chapter (2015-16)
* Meet and discuss about geological advancement news in technology, engineering companies, and economics

***REFERENCES:***

* Takis Katsabanis: Department Head/Professor - takis.katsabanis@queensu.ca (613) 533-2230
* David Murphy: Shore Beach Service Supervisor - Info@davidsonmurphy.com (970) 589-6114