

GEORGE KONTARAKIS

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OBJECTIVE

Hard-working Civil Engineer graduate looking to obtain an entry level position as a field or office engineer. Eager to contribute my soft skills and capability to excel in team based environments to achieve optimal results for my employer. I look forward to not only learning and maturing as an engineer, but as well as devoting my potentiality towards building a sound future.

EDUCATION

Hofstra University | Hempstead, NY | Sept 2015 – May 2020

B.E. in Engineering Science, concentration in Civil Engineering, and a minor in Mathematics
(Associate Member of American Society of Civil Engineers, A.M. ASCE)

Relevant Coursework:

Design of Reinforced Concrete Structures – (Designed concrete slabs, girders, beams, and columns to a two-story building. Applied ASCE 7-10 LRFD load combinations to acquire proper calculations. Designed rebar layout/sizing to support bending moments and shear force in each element.), **Design of Foundations, Dynamics, Engineering Drawing (AutoCAD), Engineering Economy, Engineering Math 1 & 2, Environmental Engineering, Fluid Mechanics, Project Management, Statics, Strength of Materials, Structural Analysis 1, Structural Analysis 2, Soil Mechanics & Foundations, and Transportation Engineering.**

PROJECTS

Deep Foundation Design | 520 Park Avenue, New York, NY | May 2020

- Prepared a group presentation describing the research, methods, challenges, and solutions used to propose a deep foundation design of a 52 story luxury residential building.
- Elements analyzed include: Calculating pressure under the drill rig crawler, developing a general soil profile, design of secant pile wall, lateral excavation support system, drilled shaft design, and constructability procedure.

Civil Engineering Senior Design Showcase | Socrates Sculpture Park, Astoria, Queens | Dec 2019

- Designed a small-scale model of a concrete membrane structure within a small group as a hypothetical design prompt.
- Model was inspired by Heinz Isler's tennis court center in Düringen, Switzerland. Implemented Isler's "hanging cloth reversed" form-finding technique to create a self-supporting compressive shell model using Plaster of Paris and cheese cloth.
- Functioned as an educational corridor and met design specifications such as budget, constructability, and protection against inclement weather.
- Developed final drawings such as elevation, floor plan, and critical connections using AutoCAD software.
- Presented the design, model, and drawings to several professionals in the engineering industry.

WORK EXPERIENCE

Krisch's Restaurant & Ice Cream Parlour | Massapequa, NY | March 2015 – March 2020

Restaurant Manager | Nov 2018 – March 2020

- Implemented a 'lead by example' management approach. Assisted other workers whenever possible to promote a team and goal oriented environment.
- Delivered preparation tasks to prevent and mitigate any foreseeable delays during a rush.
- Assigned counter-crew tasks tailored to accommodate their strengths/weaknesses which ensured constant and efficient production during busy shifts.

Food Server | March 2017 – March 2020

- Acquired a range of communication skills, service skills, and an understanding for client satisfaction.
- Adapted to a fast-paced, demanding environment by effectively prioritizing tasks geared towards meeting customer needs.
- Maintained constant communication with other servers, cooks, and managers to minimize customer service discrepancies.

Counter Staff | March 2015 – March 2020

- Multi-tasking between seating patrons, inputting take-out orders, answering phone calls, serving customers at the counter, and maintaining the register.

Rosemarie's Pizzeria & Restaurant | Farmingdale, NY | Dec 2014 - August 2015

Delivery Driver

- Utilized GPS and other applications to stay informed about local traffic, road closures, and future weather conditions.

Multiplex Cinemas | Farmingdale, NY | April 2013 – March 2015

Concession Counter Attendant

- Learned to work individually and as a team to achieve desired company objectives.
- Attained experience in customer service, sales, and professionalism in a work setting.

SKILLS

- Adaptability
- Communication
- Customer Service
- Interpersonal Skills
- Problem solving

- ArcGIS
- AutoCAD
- Google Drive, Docs, Sheets, Slides, and Forms
- MATLAB
- Microsoft Excel, PowerPoint, Word, Outlook, and Office