

PROFILE

Mr. Grimaldi is a Project Engineer with nine years of experience as a structural engineer. Mr. Grimaldi began his career at Newport News Shipbuilding, where he helped design various internal components of the upcoming Columbia Class submarines. After his time at the Shipyard, Matthew continued his career at Plant Vogtle where he worked as both a Site Design Engineer and member of the teams building two new AP1000 nuclear power plants. His work there involved supporting construction and all construction-related activities, ensuring what was being constructed matched the original design as closely as possible. Mr. Grimaldi's previous work experience has given him strong background in both the design and construction sides of engineering. At Envista, Matthew provides expertise regarding larger design jobs, as well as the quick and fast-paced nature of being on-site for a major construction project. He is also a Professional Engineer, registered in 11 states, whose key strengths include:

- ▶ Submarines
- ▶ Nuclear Power Plants
- ▶ Structural Engineering
- ▶ Construction Drawings
- ▶ Reinforced Concrete
- ▶ Modular Steel Structures
- ▶ Submarine Design
- ▶ Nuclear Power Plant Construction
- ▶ Structural Drawings
- ▶ Steel Structures
- ▶ Construction Support

- ▶ *Industries:* forensics, nuclear, nuclear power plant construction, and naval construction (submarines).
- ▶ *Computer Skills:* Microsoft Office, MathCad, FEMAP, NX NASTRAN, DDAM, AbaqusCAE, Primavera P6, Revit, RISA, Hypermesh
- ▶ *CAD/Design Packages:* AutoCAD

EDUCATION

Master of Science, Civil/Structural Engineering, 2014

University of Southern California – Los Angeles, California

Bachelor of Science, Civil Engineering, 2010

University of Michigan – Ann Arbor, Michigan

LICENSES

Professional Engineer (PE):

- ▶ Alabama
- ▶ Florida
- ▶ Indiana
- ▶ Michigan
- ▶ New York
- ▶ Ohio

OFFICE

845 Claycraft Rd Ste H,
Columbus, OH 43230

CONTACT

Office: +1 614 484 0334
Cell: +1 614 701 6101
Fax: +1 866 914 7561

matthew.grimaldi@envistaforensics.com

CORPORATE OFFICE

5565 Glenridge Connector
Suite 900
Atlanta, GA 30342

WEBSITE

www.envistaforensics.com

- ▶ Kentucky
- ▶ Louisiana
- ▶ Pennsylvania
- ▶ Texas
- ▶ West Virginia

PROFESSIONAL BACKGROUND

March 2020 – Present: Envista Forensics – Columbus, Ohio

Project Engineer

September 2019 – March 2020: WECTEC Staffing Services – Waynesboro, Georgia

Structural Engineer

October 2018 – August 2019: Butt Construction Company – Dayton, Ohio

Quality Control Manager

July 2014 – October 2018: WECTEC Staffing Services – Waynesboro, Georgia

Structural Engineer

June 2010 – July 2014: Newport News Shipbuilding – Newport News, Virginia

Structural Engineer

REPRESENTATIVE PROJECT EXPERIENCE

AP1000 Nuclear Power Plants – Plant Vogtle

WECTEC Staffing Services – Waynesboro, Georgia

- ▶ Units 3&4 at Plant Vogtle are currently the only new nuclear power plants being constructed in the USA in over 30 years. Responsible for the support of construction activities as a member of the Site Design Engineering team. Specific responsibilities included interacting and constant communication with Field Engineering and inter-disciplinary teams, so that construction could maintain schedule and so that most efficient and constructible solutions were approved.

OHIO Replacement (i.e. COLUMBIA) Class Submarines

Newport News Shipbuilding – Newport News, Virginia

- ▶ Responsible for the design of various internal components of the new Columbia Class submarines. Finite Element models were the predominant path forward, so that changes/updates/etc. could be easily incorporated and re-analyzed.

688, VIRGINIA, AND SEAWOLF Class Submarines

Newport News Shipbuilding – Newport News, Virginia

- ▶ Responsible for the design and analysis of various foundational supports throughout the submarines. Analysis consisted of static and dynamic cases, in order for the foundations to support the necessary loads, while also eliminating any potential for resonance.