C. Carlo Fazioli

A Pretty Alright Dude

625 H St NE Apt 708
Washington D.C.
+1(626)298-1212
carlo@carlofazioli.com
carlofazioli.com
carlofazioli
carlofazioli

I am a research scientist and software engineer with experience in cloud computing and artificial intelligence.

Current Position

2018 – Present **Software Engineer**, *Group W, Inc.*, Vienna VA.
Main contributor on a multi-year, multi-million dollar DARPA contract to develop an AI wargaming application, with responsibilities in all aspects of product development, including:

- Kubernetes application architecting
- AI algorithms research
- API design
- GitLab DevOps coordination
- Testing and deployment pipelines
- MongoDB database deployment

Education

2005 – 2009 **Ph.D. Mathematics**, *University of Illinois at Chicago*, Chicago IL.

2000 – 2004 **B.S. Mathematics**, *University of San Francisco*, San Francisco CA.

Previous Positions

2016 – 2018 **Econometric Modeler**, *International Monetary Fund*, Washington DC.
Collaborated with IMF economists on economic model development; researched, designed, and implemented algorithms for use by IMF staff; pursued exploratory research into technology solutions for IMF institutional needs; addressed technical needs of individual IMF staff.

2013 – 2016 **Assistant Teaching Professor**, *Department of Mathematics*, Drexel University, Philadelphia, PA.
Developed course and lab materials; lectured, graded exams, monitored students' use of online resources, assigned final grades; assisted students as needed outside of class or in office hours; directed teaching assistants.

2011 – 2013 **Postdoctoral Research Associate**, *Department of Mathematical Sciences*, New Jersey Institute of Technology (NJIT), Newark, NJ.
Researched, designed, and coded novel algorithms for use in fluid dynamics simulations; briefed research supervisor; presented findings to collaborators and conference attendees.

Other Interests

I am a daily crossword puzzle solver, a runner and cyclist, amateur musician, and science fiction enthusiast.