

Robert David “Bob” Madison

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Experience

September 2019 to Present

Web Development Instructor for the Eleven Fifty Academy

- HTML, CSS
- JavaScript, React

August 2016 to December 2019

Limited-term lecturer, Math Department, Purdue University

- Recitation Instructor
- Math 15555, Quantitative Reasoning

February 2016 to June 2016

Temporary Intern, Tokio Marine MIS, Indianapolis

- Assist with maintaining website
- Use HTML, CSS, Bootstrap, JavaScript with JQuery

November 2014 to Present

Adjunct Faculty (online) Ivy Tech, Fort Wayne

- Teach Python Programming
- Introduction to computer programming

August 2009 to May 2011

Adjunct Faculty Ivy Tech, Lafayette

- Taught Microsoft Office applications
- Introduction to computer programming
- Visual Basic and Java

September 2004 – May 2013

Live Over the Internet Teaching to Home School Kids through The Potter's School, Sep through May

- Teach Microsoft Office Course (Word, Excel, PowerPoint)
- Teach Advanced Microsoft Office Course (Level 2 Word, Level 2 Excel, Level 1 Access)
- Teach Computer Programming (Visual Basic)
- Have taught Algebra I

August 1989–May 2003

Continuing Lecturer, Purdue University, West Lafayette, Indiana

- Graduate student until August 1991. Taught in the computer science and mathematics (algebra) departments
- Taught introductory programming course to 2,000+ students annually
- Co-authored two different laboratory manuals, both with third editions
- Instructor for a taped series through the Continuing Education Division in the JAVA programming language

- Helped colleagues develop their courses and curriculum

June 1979–August 1989

Commissioned Officer, United States Air Force

- Distinguished graduate, Officer Training School, Lackland AFB, Texas, September 19, 1979.
- Graduate of Officer Software Development Course, Keesler AFB, Mississippi, August 1980.
- Software Configuration Manager, Wright-Patterson AFB, Ohio, August 1980—August 1982—A lot of programming
- Flight Commander, Air Force Officer Training School, Lackland AFB, Texas, August 1982—April 1985
- Squadron Commander, Chanute AFB, Illinois, April 1985—November 1986
- Headquarters Squadron Commander, RAF Upper Heyford, United Kingdom, November 1986—July 1989
- Retired to West Lafayette from terminal leave October 1989.
- While serving in the Air Force, Taught algebra at Wright State University, business math at Sinclair Community College, and a Calculus refresher course for Boston University.

June 1978–June 1979

Graduate Student/Teaching Assistant, Ohio State University

- Taught entry-level statistics course.
- Attended one year of graduate studies in statistics.
- Served in the Ohio Army National Guard from November 1978—June 1979
- Left Ohio State and National Guard June 1979 to enter Air Force

October 1967–May 1978

Marine Corps

- Completed boot camp October 1967 with a meritorious promotion to private first class
- Completed Air Traffic Control School, NAS Glynco, Georgia, December 1968
- Trained as air traffic controller, MCAS Cherry Point, North Carolina December 1968—January 1970
- Graduated third honor graduate at Marine Corps Drill Instructor School, Parris Island, South Carolina, March 1970
- Trained officers at Marine Corps Officer Candidate School, MCDEC Quantico, Virginia, summer 1970
- Reenlisted to be an instructor at the Air Traffic Control School, NAS Glynco, Georgia. October 1970—March 1972
- Assigned to MCAS(H) Futema, Okinawa March 1972—March 1973
- Returned to MCAS Cherry Point as air traffic controller March 1973—August 1974
- Accepted for the Marine Associate Degree Completion Program and attended Coastal Carolina Community College, Jacksonville, North Carolina August 1974—June 1976
- Accepted for the Naval Enlisted Scientific Education Program and attended the University of North Carolina, Chapel Hill, NC August 1976—December 1977
- Honorably discharged, May 1978

Education

1974—1976, 1976—1977, 1989—1991

- **A.A. pre-Mathematics, 1976 Coastal Carolina.**
- **B.A. Mathematics, 1977 UNC**
- **M.S. Education (Educational Computing and Instructional Design), 1991, Purdue**
- **Attended graduate school at Ohio State University for one year for studies in statistics. Took graduate-level math and statistics courses**

Strengths

The ability to multi-task and learn as I go.

Additional Information

While in graduate school, I wrote an 8,000 line interpreter of the academic Pilot programming language using the C programming platform.

I also am Expert certified in Word, Excel, PowerPoint and Access.