

# robert m. colonna

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## summary

resourceful mechanical design engineer with a diverse product design background, as well as extensive experience with mechanical cad and solid modeling, software and hardware testing, documentation, and training.

## education

**rensselaer polytechnic institute**, troy, new york  
bachelor of science, aeronautical engineering, may 2000

**relevant coursework:** *fixed-wing aircraft design, experimental fluid dynamics, introduction to engineering design, advanced topics in solid modeling, numerical computing*

**activities:** psi upsilon fraternity (vice president, 1996-1997), navy rotc, the *polytechnic* (campus newspaper)

## employment

**parametric technology corporation (ptc)**, needham, massachusetts  
senior technical support engineer, june 2000 – august 2004  
co-op, june 1999 – january 2000

assisted customers worldwide with capturing product design and manufacturing information using pro/engineer. acted as a primary technical resource for engineers worldwide as well as junior staff. tested and experimented potential quality-assurance issues, and impacted future product direction through preproduction input. developed and presented training material and documentation for colleagues and customers alike.

**rensselaer polytechnic institute**, troy, new york  
instructor, spring 2000

teaching assistant, fall 1997 – spring 2000

presented material for, and clarified presentation of freshman course in computer-aided design, solid modeling, and visualization, using pro/engineer and solidworks.

**ericsson**, lynchburg, virginia  
co-op, january – august 1998

established and performed mechanical and functional testing procedures for police/fire radio system devices.

## other experience

beta tester for macintosh versions of *halo*, *age of mythology*  
author of spendthrift, a simple personal finance tool for mac os x

## skills

proficient with pro/engineer (releases 11 – wildfire 2), unix, mac os x, windows (nt/2000/xp), word, excel, powerpoint, photoshop, html/css  
familiar with solidworks, objective-c (cocoa), c, linux, matlab, autocad

## interests

travel, bicycling, photography, hiking, camping, 3d modeling, programming, legos