

OBJECTIVE

Seeking a position utilizing an extensive background in web technology and programming.

SUMMARY OF QUALIFICATIONS

- Currently an Adjunct at Kean University teaching two sections of College Algebra
- Master of Mathematics and Computer Science from Kean University, New Jersey
- Strong background in HTML5/CSS3, JavaScript/jQuery, PHP, MySQL, WordPress
- Working knowledge of Java, C#, Visual Basic.NET, ASP.NET, Objective-C
- Active web developer on various current projects and continuously updating my background in web technologies
- Extensive experience creating secure and SEO-friendly websites using Wordpress
- Ability to create websites utilizing vibrant animations and/or parallax scrolling

EDUCATION

Kean University:	M.S. in Computing, Statistics, & Mathematics 2013:G.P.A. 4.0 - <i>Academic Honors with Distinction</i>
Rider University:	Bachelor of Arts & Sciences: Mathematics and Secondary Education 2001: G.P.A. 3.87 – <i>Summa Cum Laude</i> Received Mathematics Prize for Outstanding Achievement.
Raritan Valley Community College:	Web Programming Certificate

WORK EXPERIENCE

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|--------------|---|
| 2011-present | Web developer and webmaster for Seacrest Beach Club in Lavallete, NJ <ul style="list-style-type: none">• Creation of an entire website from scratch using HTML/CSS, JavaScript, PHP and MySQL• Converted website in late 2013 using Wordpress. Gave board members the ability to make posts and edit content. Most JavaScript was replaced with jQuery.• Opened a line of communication between current beach club members/residents and the Seacrest Beach Club Board of Trustees with downloadable members document section requiring site membership access• Give current club members/residents year-round visual access to their beach with an Axis IP camera, set up using a DNS address and local server• Provide Seacrest Beach Club employed lifeguards a medium to update beachgoers on the website with current swimming conditions through a PHP driven Smartphone portal connected to a SQL database<ul style="list-style-type: none">○ Link- http://seacrestbeachclub.org |
| 2014-present | Various web development projects <ul style="list-style-type: none">• Just recently completed a portfolio website for a client utilizing a child theme in Wordpress with some HTML5/CSS3, jQuery, and PHP hard coding.<ul style="list-style-type: none">○ Link- http://tracyafitzgerald.com• Currently developing a Wordpress website for a local business utilizing Twitter Bootstrap, which has required PHP, HTML5/CSS3, jQuery and knowledge of responsive design.<ul style="list-style-type: none">○ Link-http://mybalancedblendmassage.com |

- Fall 2013-
Present
- Kean University (New Jersey) - Mathematics Adjunct**
- Instructor of Algebra for College Students
 - Creation of thorough lessons and assessment material
 - Use of the learning management system Schoology to structure class content
- Fall 2001-
Spring 2007
- Westfield Senior High School (New Jersey) – Mathematics/Statistics Teacher**
- Instructor of Advanced Placement Statistics (for 6 years), as well as all levels of Geometry and Algebra II
 - Creation of original worksheets and assessments for daily use in the classroom in order to keep content current and challenging
 - Collaboration with colleagues to choose course textbooks and implemented them successfully in the classroom
 - Individually created a full curriculum for Advanced Placement Statistics and implemented it successfully in the classroom
 - Maintained a nurturing classroom that promoted trust and communication between teacher and student to ensure the healthiest learning environment for the student
 - Scheduled numerous after school study sessions with Advanced Placement Statistics students to not only review relevant course material, but provide key study skills and test-taking strategies
- 2002-present
- Private Tutoring for High School and College Level Mathematics and Computer Science**
- Deliver one-on-one assistance with varying levels of Mathematics and Computer Science to enhance student success in the classroom, specifically keying in on study skills, communication with the teacher, and test-taking skills
 - Provide Scholastic Assessment Test (SAT) preparation for college-bound high school students, putting emphasis on specific standardized test-taking skills, including strategies and time management
 - Assist college level students with study and time-management skills to aide in transition from high school to university level courses that are faster paced and more complex in nature
- 2012
- Wrote daily iOS app reviews for the website DotTech**
- Requires strong writing and communication skills
 - Update dotTech readers on current and upcoming apps that have the potential to simplify and improve tasks in their daily lives
 - Interact with website readers when it relates to my personal reviews, including further recommendations and responses to follow-up queries

TECHNICAL SKILLS

Programming Experience: HTML5/CSS3, JavaScript, JQuery, PHP, SQL, WordPress, Java, Objective-C (Xcode App Development), Visual Basic.NET, ASP.NET, C#, SAS Statistical Software, Minitab, Fathom

Microsoft Applications: Word, Excel (including VBA programming), PowerPoint

REFERENCES

- Chang, George**, *Dean of the College of Natural, Applied, and Health Sciences*, (908) 737-3600, gchang@kean.edu
- Woubneh, Wolde**, *Research Faculty Advisor and Mathematics/Statistics Department Chair at Kean University*, (908) 737-3712, wwoubneh@kean.edu
- Hahn, Susan**, *Kean University Mathematics Department Chair*, (908) 737-3704, suhahn@kean.edu
- Johnson, Hal**, *Westfield Senior High School Mathematics Department Chair (Retired)*, (908) 782-6342
- Cowen, Mary Anne**, *Owner of Balanced Blend Therapeutic Massage*, (908) 310-0350, mac7455@gmail.com